

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

COMBINED DISTRICTS

OF

EAST HERTS AND ESSEX

FOR

1914.

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ROBERT AYTON DUNN, M.D., D.Hy., D.P.H.

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HERTFORD,

*March, 1915.*

Annual Report of the  
Medical Officer of Health for the  
Combined Districts of East Herts & Essex.

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GENTLEMEN,

I beg herewith to present for your consideration my Fourteenth Annual Report. It will be readily understood that owing to the War and the billeting of troops in the district, the Sanitary work has not pursued the even tenor of its ways.

It has been necessary to spend considerably more time and to direct particular attention to such sanitary matters as would tend to keep the health of both the civil and military population as fit as possible under somewhat novel and difficult circumstances. To add suddenly, perhaps one half (sometimes more) to the population of a town is calculated to cause a Medical Officer grave anxiety. In my

own case this was reduced to a minimum by the excellent response for help given me by my Sanitary Inspectors and by the hearty co-operation which immediately existed between them and the Military Authorities. Under such circumstances the work became a real pleasure instead of a heavy anxiety.

I am, Gentlemen,

Your obedient servant,

ROBERT AYTON DUNN.

## BOROUGH OF HERTFORD.

Report of the Medical Officer of Health for 1914.

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GENTLEMEN,

I beg to present my Fourteenth Annual Report on the health of your District.

**Population.**

The Population (estimated) was	....	....	10,710
The Population at the Census of 1911 was			10,384
The Population at the Census of 1891 was			9,023
The Population at the Censes of 1901 was			9,322
The Acreage at the Census of 1911	....		1,134
The Number of Inhabited buildings at the Census of 1901 was	...	....	1,970
The Number of Inhabited buildings at the Census of 1911	....	...	2,256
The Average Population per House at the Census of 1901 was	....	....	4.7
The Average Population per House at the Census of 1914 was	....	....	4.6
The factor for Standardization is	....	....	.9594

### Vital Statistics.

	Year—1912			1913	1914
Birth Rate	....	20.9	....	20.47	.... 21.5
Total Deaths registered in District	....	110	....	131	.... 133
Corrections	....	+5	....	-24	.... +14
Net Death Rate	....	10.9	....	11.9	.... 13.7
Standardized Death Rate	....	10.4	....	11.4	.... 13.14
Zymotic Death Rate	0.28	....	0.19	....	1.96
Diarrhœa Death Rate	nil	....	0.09	....	0.65
Phthisis Death Rate	1.2	....	0.75	....	0.46
Cancer Death Rate	2.2	....	1.7	....	1.5
Infant Mortality per 1000 Births	....	45.4	....	55.3	.... 108.2
Total Deaths over 65 years	....	52	....	55	.... 60

The Vital Statistics are not nearly so satisfactory as they had been in the previous two years, but are very similar to those of 1911. It is true the Birth Rate is somewhat higher but so too unfortunately are all the Death Rates. The most marked rises are those of the Zymotic (which includes Diarrhœa) and the Infant Mortality. Both these are mainly due to the increased numbers of deaths from Diarrhœa, Whooping Cough and Measles.

**Deaths from Infectious Diseases not necessarily  
notifiable.**

	1910	1911	1912	1913	1914
Measles ...	2	0	0	0	8
Scarlet Eever ...	0	0	0	0	0
Whooping Cough	6	1	1	0	6
Diphtheria ...	1	1	2	1	0
Influeuza ...	5	4	2	6	2
Enteric Fever ...	0	0	0	0	0
Diarrhoea ...	1	} 8	0	1	7
Enteritis ...	0				
Erysipelas ...	0	0	0	0	0
Phthisis ...	9	10	13	8	5
Puerperal Fever	0	0	0	0	0

**Notification of Infectious Diseases.**

	1910	1911	1912	1913	1914	Removed to Hospital
Scarlet Fever	10	16	13	10	7	6
Diphtheria ....	6	2	15	18	13	13
Enteric Fever	3	13	0	2	1	0
Erysipelas ....	2	1	6	8	7	0
Puerperal Fever	0	0	0	0	1	0
Pulmonary Tuberculosis			19	36	19	13
Other Forms of Tuberculosis				15	2	1
Poliomyelitis			1	0	1	0



### **Isolation Hospitals.**

Cases of Scarlet Fever and Diphtheria are isolated as far as possible at the Joint Hospital, Gallows Hill. This Hospital also accommodates patients from Ware Urban, Ware Rural, Hertford Rural, and Hoddesdon. Enteric Fever patients can be isolated at the Joint Hospital if necessary.

A Hospital for treatment of Small Pox cases has also been provided by the Joint Hospital Board.

Both Hospitals are situated in the Hertford Rural District.

### **Disinfection.**

Infected bedding, etc, is removed the Hospital, and there Disinfected by Steam. The premises from which an infectious patient has been removed are promptly disinfected by the Sanitary Inspector.

### **Bacteriological Arrangements**

In future swabs from doubtful cases of Diphtheria will be sent for examination to a Laboratory.

### **Epidemiology.**

**SMALL POX.**—No notification of Small Pox was received during the year.

**MEASLES.**—There was a fairly wide spread epidemic of Measles which caused no less than eight deaths.

WHOOPING COUGH.—This disease, too, was very prevalent. The number of deaths from this disease was six, four of them being infants under one year of age.

SCARLET FEVER.—Seven notifications of this disease were received and six of the patients were removed to the Hospital. This is the lowest number for several years past. The cases were again scattered throughout the Borough and throughout the year. They did not appear to be connected together.

DIPHTHERIA.—There has been a falling off in the number of notifications of Diphtheria. They number thirteen as against eighteen in the preceding year. All thirteen were removed to Hospital. Two of the cases were probably imported. Two others occurred in a Public School, another was one of the military billeted in the town. There seemed no reasonable connection between any of the cases.

ENTERIC FEVER.—The only case notified was nursed at home. The disease was undoubtedly contracted outside the district.

PUERPERAL FEVER.—One case was notified. The patient made a good recovery. All precautions were taken to prevent further spread of the disease.

ANTERIOR POLIOMYELITIS.—There was one notification of this disease. The patient developed metastatic abscesses.

INFLUENZA.—Two deaths were recorded as due to Influenza.

DIARRHOEA AND ENTERITIS. —Unfortunately owing to the hot dry spell of weather in September, Diarrhoea was more prevalent than usual. Seven deaths resulted and as usual claimed victims in the earlier years of life, five of them being under twelve months of age.

PULMONARY TUBERCULOSIS.—The deaths from Pulmonary Tuberculosis numbered only five this year. This is the lowest for several years past. The number of notifications which I received was nineteen, as compared with thirty-six in the previous year. It would appear that the campaign instituted against this disease is already having a good effect.

### **Cancer.**

The number of deaths from Cancer has again fallen slightly. Out of a total of sixteen, six occurred outside the district.

### **Public Institutions.**

The County Hospital is situated within the Borough but the Union Workhouse and Isolation Hospital are just within the Hertford Rural District.

### **Water Supply.**

The Water Supply is obtained entirely from deep wells sunk into the chalk. There are four of these wells, three within the Borough Boundary and



one outside. In two cases the motive power is obtained from the river by means of a water wheel. In a third case this can be replaced by a gas engine when necessary. At the fourth an electric motor has been substituted for the steam plant. The Corporation have had three samples analysed from private wells during the year. In the past few years a considerable number of such samples have been taken and analysed. If the water was found to be unsatisfactory the owner was at once communicated with and urged to lay on the Town Supply. The result is that comparatively few private wells are now in use in the Borough.

The work of laying additional water mains in various parts of the Borough was carried out during the summer. In several instances these were constructed to act as feeders to existing mains with a view of improving the supply to the higher parts of the Town. During the year the Town water has been laid on to four existing houses.

### **Drainage.**

It has not been found necessary to make any extension of any of the sewers in the district. Drains have been laid to meet the requirements of new houses.

### **Sewage Disposal.**

The sewage from the Borough continues to be treated chemically at the east end of the Town.

It is now under the Corporation's own management. The effluent is discharged into the Manifold Ditch which joins the Lea at Ware. No complaints have been received about the condition of the river for some considerable time.

The Corporation have had under their consideration a revised scheme of treatment. The Local Government Board have sanctioned this scheme and the necessary plans have now been completed.

### **Scavenging.**

The work of scavenging is undertaken by the Corporation under the supervision of the Surveyor. I am pleased to be able to report that the Corporation have arranged with the Electricity Company to dispose of all the house refuse. For this purpose the Company have erected a two-cell destructor, the heat from which is utilised in generating steam for their plant. This destructor is more than sufficient to deal with all the Town refuse. No complaints of any nuisance arising from this destructor have been received.

### **Nuisances.**

The nuisances reported this year at each meeting of the Public Health Committee were of the usual kind and call for no special comment. You have, however, had under consideration various premises in which flushing cisterns to w.c.'s were reported as necessary. In forty-five instances the necessary work has been carried out.

### **Inspection of the District.**

Again a considerable amount of useful work has been carried out by your Inspector. The house-to-house inspection has been continued and in connection with this special work some 401 houses have been visited. The total number of visits of inspection to various premises number 1624. Some 410 defects and nuisances which were discovered have been abated.

### **Canal Boats.**

Twelve canal boats have been inspected during the year, entailing 24 visits. As this is the farthest point on the Lea to which canal boats can come, the number of boats is not a large one. The boats, too, are subjected to frequent inspection the whole way down the river, and as a result few defects are found.

### **Housing of the Working Classes.**

The progress under the Housing and Town Planning Act noted in my last report has been steadily continued. Five houses, the demolition of which was stated in my last report to be under consideration, are now being thoroughly repaired. Twenty cases of over-crowding have been abated. As the Railway works are still in progress, it is impossible to say whether more new cottages are required at the present time. It was found necessary to make a representation with regard to one cottage. A closing order was made with regard



to this. Eight cottages have been voluntarily demolished.

The following is the statement of work done under the Housing and Town Planning Act, which every Medical Officer of Health is under an obligation to submit :—

Number of houses inspected under Sec. 17 of the Act	....	...	...	401
Number of houses about which representations made to the Local Authority		...		1
Number of houses found unfit		...		3
Number of Closing Orders made		...		0
Number of houses remedied without Closing Orders being made	...	...		4
Number of houses remedied after Closing Orders had been made	....	...		0

General character of defects found :—Dampness ; lack of proper flushing cisterns to w.c.'s ; dirty walls and ceilings ; lack of paving to back yards ; occasionally some dilapidation ; sometimes defective drains.

### **Occupation of the Town by the Military.**

Since the beginning of the war, the town has continuously had troops billeted in it. On two occasions a large number had to be accommodated for one night on very short notice, otherwise the number has been usually between 1000 and 2000. Nearly all have been billeted in private houses, as the halls and other large buildings have been requisitioned for recreation rooms or for a mess.

A private house, which happened to be vacant, has been utilised for a V.A.D. hospital. Although the number of troops has not as a rule been large, yet it has been found necessary to occupy a good deal of your Inspector's time, with the extra sanitation thus involved. I am glad to say that thorough co-operation has been established and maintained between the military and civil officials throughout. Personally, I very much regret that the Corporation could not see their way to the provision of hot baths for the troops, as in my opinion this was very necessary. Reference to the earlier part of this report will show that fortunately the incidence of epidemic disease (with the exception of measles and whooping cough which occurred earlier in the year) has been unusually slight.

### **Premises under Supervision.**

DAIRIES, COWSHEDS and MILKSHOPS.—These are inspected periodically. Various small improvements have taken place. They are certainly in better condition than they used to be. Under a new Order (made under the Contagious Diseases Animals Act) the County Council have notified the Sanitary Inspector of cases of Tuberculosis in cows, which have been reported to them by their Veterinary Inspectors.

SLAUGHTERHOUSES.—These are also frequently visited. Limewashing is regularly attended to. Owing to the fact that many of the slaughterhouses are old-fashioned buildings, and situated in crowded

parts of the town, I am still of the opinion expressed almost annually, that the establishment of a public abattoir, and the closing of the present private slaughterhouses would be a great benefit to the town.

**BAKEHOUSES.**—There are fifteen bakehouses in the district, all of which are periodically inspected. Verbal notices to cleanse have occasionally to be made. These are promptly complied with. On the whole they are clean and well kept.

**COMMON LODGING HOUSES.**—These are now under the supervision of the Inspector of Nuisances. They have been reported on each quarter as being in a well-kept and satisfactory condition. No cases of infectious disease have occurred in them.

### **Fabrics Act, 1913.**

Your Inspector of Nuisances has been appointed an Inspector under the Fabrics (Misdescription) Act 1913. During the year no complaints were received and although a number of inspections were made, it was not found necessary to take any proceedings.

### **Bye Laws.**

The following sanitary bye-laws are in force within the Borough with respect to:—Good Rule and Government ; New streets and buildings ; Common Lodging-houses ; Nuisances ; Flushing of Water Closets ; Cleansing of pavements ; Cleansing of earth closets ; Slaughter-houses. Also regulations as to Water supply, and as to Dairies, Cowsheds,



and Milkshops ; and Removal of Filth through the Streets.

New Building Bye-laws are under consideration.

Most of the provisions of the Public Health Act Amendment Act 1907 have been adopted and are now in force.

### **Factory & Workshop Act, 1901.**

There is little fresh to report as to the factories and workshops within the district, which are inspected from time to time. There are 97 workshops on the register, being an increase of one. The number of inspections made to Workshops, Workplaces and Factories was 303. Some 37 defects were discovered, all of which have been remedied.

With regard to home work, two notices were received from sanitary authorities. There still appears to be some difficulty in getting the out-workers' lists sent in by the occupiers of workshops.

The following are the chief factories and workshops in the district.

Bakers	....	14	Upholsterers	...	4
Tailors	...	7	Laundries	....	7
Dressmakers		14	Bootmakers	...	9
Builders	...	10	Coachbuilders	....	6
Breweries	....	4	Harness Makers		3
Printers	....	4	Oilcake Factory		1
Flour Mills	....	2	Leather Dressing		2
Smiths	...	6	Cycle Works	....	3
Saw Mills	....	2	Miscellaneous	....	19

Appended will be found the usual statistics and Inspector's Summary, together with a table of Infant Mortality, and also one on work done in connection with Workshops and Factories.



SUMMARY OF WORK done through the SANITARY  
INSPECTOR in the Urban Sanitary district of  
HERTFORD during the year ending  
December 31st, 1914.

	Total Number for Year.	Notes, Results of Inspection, etc
Complaints received .. .. .	106	
Nuisances detected without complaint ..	304	
Nuisances abated .. .. .	410	
Notices served .. .. .	34	Not including informal notices
Summonses taken out .. .. .		
Cottages and Dwellings Inspected ..	401	1073 Inspections
Lodging-houses Inspected .. .. .	4	Inspected periodically
Inspections Total (to various premises)	1624	
Slaughter-houses Inspected .. .. .	8	" "
Bakehouses Inspected .. .. .	15	" "
Dairies and Milkshops Inspected .. ..	8	" "
Cowsheds Inspected .. .. .	6	" "
Workshops Inspected .. .. .	97	Including some re-inspections
Filthy houses cleansed, sec. 46 " Public Health Act, 1875 " .. .. .	36	Including two schools
Houses disinfected .. .. .	36	
Overcrowding abated .. .. .	20	
Representations made with the view of Closing Orders being made .. .. .		
Houses placed in habitable repair .. ..		
Houses closed .. .. .	4	Without closing orders—8 houses demolished
Houses erected or re-built for which Water Certificates were applied .. ..	3	
Certificates granted .. .. .		
Houses connected with sewers .. .. .	3	
Houses connected with water mains .. ..	4	One was an old house
Earth, pail or improved Privies con- structed or existing Privies altered .. ..	2	
Privies and W.C.'s repaired; .. .. .	22	
W.C.'s supplied with water .. .. .	45	
New W.C.'s built .. .. .	5	Including two old houses
Drainage systems repaired and relaid .. ..	40	
Drains and W.C.'s unchoked .. .. .	20	
Defective sinks remedied .. .. .	8	
Animals improperly kept removed .. ..	9	
Samples of water taken for analysis .. ..	3	
Seizures of Unsound Meat, etc. .. .. .	1	
Canal boats inspections .. .. .	24	12 boats
Houses provided with ashbin accommo- dation .. .. .	18	
Cases of Dampness attended to .. .. .	26	
Miscellaneous ... .. .	93	Including 20 cases of improv- ing ventilation

*Signed: A. DICKINSON.*

TABLE OF POPULATION, BIRTHS and DEATHS in the HERTFORD URBAN DISTRICT.

YEAR.	Popula- tion estimated to middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un- corrected Number	Number.	Rate.§	Number.	Rate.§	of Non- residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
									Number.	Rate per 1000 Births registered.	Number.	Rate.§
1	2	3	4	5	6	7	8	9	10	11	12	13
1903												
1904												
1905												
1906												
1907												
1908												
1909	9260	224			131	13·6			25	111·6		
1910	9650	217			136	14·0			19	87·5		
1911	10384	221	224	21·5	115	11·0	10	27	25	111·6	132	12·7
1912	10490	217	220	20·9	110	10·4	12	17	10	45·4	115	10·9
1913	10600	211	217	20·47	131	12·3	24	19	12	55·3	126	11·9
1914	10710	226	231	21·5	133	12·3	13	27	25	108·2	147	13·7

\* Rates in Columns 5, 7, and 13 calculated per 1,000 of estimated population.

# INFANTILE MORTALITY during the year 1914, in the HERTFORD URBAN DISTRICT.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total deaths under 1 Year.
<b>All Causes—</b>										
Certified .. .. .	6	1	1	..	..8	6	5	4	2	25
Uncertified .. .. .	..	..	..	..	....	..	..	..	..	....
<b>Common Infectious Diseases—</b>										
Small-pox .. .. .	..	..	..	..	....	..	..	..	..	....
Chicken-pox .. .. .	..	..	..	..	....	..	..	..	..	....
Measles .. .. .	..	..	..	..	....	..	..	1	1	..2
Scarlet Fever .. .. .	..	..	..	..	....	..	..	..	..	....
Whooping Cough .. .. .	..	..	..	..	....	1	..	2	1	..4
Diphtheria (including Membranous Croup)	..	..	..	..	....	..	..	..	..	....
Erysipelas .. .. .	..	..	..	..	....	..	..	..	..	....
<b>Tuberculous Diseases—</b>										
Tuberculous Meningitis ..	..	..	..	..	....	..	1	..	..	..1
Abdominal Tuberculous ..	..	..	..	..	....	..	..	..	..	....
Other Tuberculous Diseases	..	..	..	..	....	1	..	..	..	..1
<b>Wasting Diseases—</b>										
Congenital Defects .. .. .	..	..	1	..	..1	1	..	..	..	..2
Premature Birth .. .. .	4	1	..	..	..5	..	..	..	..	..5
Atrophy, Debility, Marasmus	1	..	..	..	..1	..	..	..	..	..1
Atelectasis .. .. .	..	..	..	..	....	..	..	..	..	....
Injury at Birth .. .. .	..	..	..	..	....	..	..	..	..	....
<b>Diarrhoeal Diseases—</b>										
Diarrhoea .. .. .	..	..	..	..	....	1	3	1	..	...5
Enteritis .. .. .	..	..	..	..	....	..	..	..	..	....
<b>Other Causes—</b>										
Syphilis .. .. .	..	..	..	..	....	..	..	..	..	....
Rickets .. .. .	..	..	..	..	....	..	..	..	..	....
Meningitis ( <i>not Tuberculous</i> )	..	..	..	..	....	..	..	..	..	....
Convulsions .. .. .	1	..	..	..	..1	1	..	..	..	..2
Gastritis .. .. .	..	..	..	..	....	..	..	..	..	....
Laryngitis .. .. .	..	..	..	..	....	..	..	..	..	....
Bronchitis .. .. .	..	..	..	..	....	..	..	..	..	....
Pneumonia .. .. .	..	..	..	..	....	..	1	..	..	..1
Suffocation, overlying	..	..	..	..	....	..	..	..	..	....
Other Causes .. .. .	..	..	..	..	....	1	..	..	..	..1
	6	1	1	..	..8	6	5	4	2	25

Births in the Year { Legitimate, 223  
                              { Illegitimate 8

Deaths in the Year { Legitimate, 21  
                              { Illegitimate, 4



# Report for the Year 1914, on the Administration of the Factory and Workshops Act, 1901, for the Urban District of HERTFORD.

## 1.—INSPECTION.

Premises.	Number of		
	Inspections.	Formal Notices.	Prosecutions
<b>Factories</b> including Factory Laundries ...	10	37	...
<b>Workshops</b> including Workshop Laundries ...	97		...
<b>Workplaces</b> ... ..	196		...
<b>Homeworkers' Premises</b> ... ..	...	...	...
<b>Total</b> ... ..	303	37	...

## 2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<b>Nuisances under the Public Health Acts:</b>				
Want of cleanliness ... ..	18	18	...	...
Want of ventilation ... ..	3	3	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors ... ..	2	2	...	...
Other nuisances ... ..	8	8	...	...
†Sanitary accommodation { insufficient ... .. unsuitable or defective ... .. not separate for sexes ... ..	5	5	...	...
<b>Offences under the Factory &amp; Workshop Act</b>				
Illegal occupation of underground bake-house (s. 101) ... ..	...	...	...	...
Breach of special sanitary requirements for bakehouses (ss. 97 to 100) ... ..	1	1	...	...
Other offences ... ..	...	...	...	...
<b>Total</b> .. ..	37	37	...	...

## 3.—HOME WORK.

				Once in the year.	Twice in the year.
<b>Making, &amp;c., Wearing Apparel—</b>					
Lists received from Employers—Lists ... ..	...	...	...	7	...
Outworkers ... ..	...	...	...	12	...
Numbers of Addresses of Outworkers received from other Councils ... ..	...	...	...	...	...
Number of Inspections of Outworkers' Premises ... ..	...	...	...	...	...

## 4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.										Number.
Workshops ... ..	...	...	...	...	...	...	...	...	...	14
Bakehouses ... ..	...	...	...	...	...	...	...	...	...	76
<b>Total number of workshops on Register</b> ... ..										90

## 5.—OTHER MATTER

Class.	Number
Matters notified to H.M. Inspectors of Factories:—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)...	1
Action taken in matters referred { Notified by H M. Inspector ... .. by H.M. Inspector as remedi- ... .. able under the Public Health Acts, but not under the Fa- (Reports of action taken sent to H.M. Inspector, ... ..	...
tory Act (s 5)	1

# TABLE OF DEATHS during the Year 1914, in the HERTFORD BOROUGH DISTRICT.

CAUSE OF DEATH.				DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.									Total Deaths whether of 'Residents' or 'Non- Residents' in Institu- tions in the District.
				All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	
All causes	Certified	...	...	144	25	11	8	2	4	12	24	58	
	Uncertified	...	...	3	..	..	..	..	1	..	..	2	
Enteric fever	...	...	...	..	..	..	..	..	..	..	..	..	
Small-pox	...	...	...	..	..	..	..	..	..	..	..	..	
Measles	...	...	...	8	2	4	2	..	..	..	..	..	
Scarlet fever	...	...	...	..	..	..	..	..	..	..	..	..	
Whooping-cough	...	...	...	6	4	1	1	..	..	..	..	..	
Diphtheria and membranous croup	...	...	...	..	..	..	..	..	..	..	..	..	
Influenza	...	...	...	2	..	..	..	..	..	1	..	1	
Erysipelas	...	...	...	..	..	..	..	..	..	..	..	..	
Phthisis, (Pulmonary Tuberculosis)	...	...	...	5	..	..	..	..	..	2	2	1	1
Tuberculous Meningitis	...	...	...	3	1	..	1	..	1	..	..	..	2
Other tuberculous diseases	...	...	...	3	1	1	1	..	..	..	..	..	2
Cancer, malignant disease	...	...	...	16	..	..	..	..	1	2	4	9	
Rheumatic Fever	...	...	...	..	..	..	..	..	..	..	..	..	
Meningitis	...	...	...	..	..	..	..	..	..	..	..	..	
Organic Heart Disease	...	...	...	14	..	..	..	..	..	3	5	6	1
Bronchitis	...	...	...	10	..	..	1	..	..	..	1	8	2
Pneumonia (all forms)	...	...	...	9	1	3	1	1	..	1	..	2	1
Other diseases of respiratory organs	...	...	...	2	..	1	..	..	..	..	..	1	
Diarrhœa and Enteritis	...	...	...	7	5	1	1	..	..	..	..	..	
Appendicitis and Typhlitis	...	...	...	1	..	..	..	..	..	..	1	..	1
Cirrrosis of liver	...	...	...	2	..	..	..	..	..	..	..	2	
Alcoholism	...	...	...	..	..	..	..	..	..	..	..	..	
Nephritis and Bright's Disease	...	...	...	3	..	..	..	..	..	..	1	2	
Puerperal fever	...	...	...	..	..	..	..	..	..	..	..	..	
Diseases and accidents of parturition	...	...	...	2	..	..	..	..	..	2	..	..	1
Premature birth	...	...	...	8	8	..	..	..	..	..	..	..	
Violent Deaths (excluding Suicide)	...	...	...	3	..	..	..	..	1	..	2	..	3
Suicides	...	...	...	2	..	..	..	..	..	..	1	1	
Other Defined Diseases	...	...	...	37	2	..	..	1	1	1	7	25	6
Diseases ill-defined or unknown	...	...	...	4	1	..	..	..	1	..	..	2	
	...	...	...	..	..	..	..	..	..	..	..	..	
Total	...	...	...	147	25	11	8	2	5	12	24	60	20





## WARE URBAN DISTRICT.

Report of the Medical Officer of Health for 1914.

---

GENTLEMEN,

I beg to present my Fourteenth Annual Report on the health of your District.

**Population.**

The Population (estimated) was	....	....	5,920
The Population at the Census of 1911 was			5,842
The Population at the Census of 1891 was			5,256
The Population at the Census of 1901 was			5,573
The Acreage at the Census of 1911	....		629
The Number of Inhabited buildings at the Census of 1901 was	...	....	1,188
The Number of Inhabited buildings at the Census of 1911	....	...	1,291
The Average Population per House at the Census of 1901 was	....	....	4.7
The Average Population per House at the Census of 1914 was	....	....	4.53
The factor for Standardization is	....	....	.9074

## Vital Statistics.

	Year—1912			1913	1914
Birth Rate	....	24.0	....	19.1	.... 23.4
Total Deaths registered in District	....	86	....	76	.... 88
Corrections	....	- 6	....	- 10	.... - 10
Net Death Rate	....	13.6	....	11.2	.... 13.1
• Standardized Death Rate	....	12.34	....	10.16	.... 11.8
Zymotic Death Rate	0.34	....	0.17	....	0.5
Diarrhœa Death Rate	0.17	....	nil	....	0.33
Phthisis Death Rate	1.2	....	0.34	....	0.5
Cancer Death Rate	1.02	....	1.52	....	0.67
Infant Mortality per 1000 Births	....	92.2	....	17.7	.... 64.7
Total Deaths over 65 years	....	33	....	29	.... 35

The Vital Statistics, though not so good as in the preceding year, may be considered on the whole as fairly satisfactory. They are very alike those of 1912. The Birth Rate, a distinct improvement on that of 1913, is about the normal. The Death Rate from Cancer shows a welcome decrease. The Infant Mortality figure is also satisfactory. With the exception of last year it is the lowest recorded for Ware for many years past.



**Deaths from Infectious Diseases not necessarily  
notifiable.**

	1910	1911	1912	1913	1914
Measles ...	2	0	1	1	0
Scarlet Fever ...	0	0	0	0	0
Whooping Cough	0	4	0	0	1
Diphtheria ...	0	0	0	0	0
Influenza ...	0	0	0	1	0
Enteric Fever ...	0	0	0	0	0
Diarrhœa ...	0	} 6	1	0	2
Enteritis ...	1				
Erysipelas ...	0	0	0	0	0
Phthisis ...	2	1	7	2	3
Puerperal Fever	0	0	0	0	0

**Notification of Infectious Diseases.**

	1910	1911	1912	1913	1914	Removed to Hospital
Scarlet Fever	8	3	3	4	3	3
Diphtheria ....	4	1	1	0	2	2
Enteric Fever	0	2	2	1	0	0
Erysipelas ....	0	1	3	2	0	0
Puerperal Fever	1	0	0	0	0	0
Pulmonary Tuberculosis			9	6	7	0
Other Forms of Tuberculosis				4	4	2
Poliomyelitis				1	0	0

### **Isolation Hospitals.**

Cases of Scarlet Fever and Diphtheria are isolated as far as possible at the Joint Hospital, Gallows Hill. This Hospital also accommodates patients from Hertford Borough, Ware Rural, Hertford Rural and Hoddesdon. Enteric Fever patients can be isolated at the Joint Hospital if necessary.

A Hospital for treatment of Small Pox cases has also been provided by the Joint Hospital Board.

### **Disinfection.**

Infected bedding, etc., is removed to the Hospital, and there Disinfected by Steam. The premises from which an infectious patient has been removed are promptly disinfected by the Sanitary Inspector.

### **Bacteriological Arrangements**

Swabs from doubtful cases of Diphtheria can be sent to the Hospital, at Hertford, where they are examined by the Medical Officer of Health.

### **Epidemiology.**

SMALL POX.—No notification of Small Pox was received during the year.

MEASLES.—There were no deaths from Measles.

WHOOPIING COUGH.—One death from Whooping Cough was registered. The patient was a child between 1 and 2 years of age.

SCARLET FEVER.—Three notifications of this disease were received. The first was in January. The only clue to the disease was the fact that the patient had been to the dentist about a week previously. The other two cases occurred in September. The patients were playmates. I was unable to trace the origin of the first case who was peeling at the time of notification.

DIPHTHERIA.—The only two cases of diphtheria notified occurred amongst the military billeted in the town. The first occurred in August and the second in September. In neither case was the disease contracted within the district.

ENTERIC FEVER.—I received no notification of Enteric Fever during the year.

ERYSIPELAS.—Not a single case of Erysipelas was notified.

PUERPERAL FEVER.—The same remark applies to Puerperal Fever.

DIARRHOEA AND ENTERITIS. — Two deaths were notified as due to Diarrhœa. Both these were in persons over 65 years of age and probably were not of the epidemic type.

MUMPS.—As mentioned in my last Report a very wide spread epidemic of Mumps began just before 'Xmas, 1913, and continued well into the New Year.

PULMONARY TUBERCULOSIS.—The deaths from Pulmonary Tuberculosis numbered three as compared with two in 1913 and seven in 1912. The number of notifications received was seven, whilst four patients were notified as suffering from other forms of Tuberculosis.

### **Cancer.**

There has been a decrease of deaths from nine to four. The numbers for previous years are as follows :—in 1902 four, in 1903 three, in 1904 four in 1905 three, in 1906 nine, in 1907 eight, in 1908 nine, in 1910 eight, in 1911 four, in 1912 six and in 1913 nine. It will be noticed that there is considerable variation year by year.



### **Public Institutions.**

The Union Workhouse is situated within the Urban District. Cases of sickness and accident are usually treated in the County Hospital at Hertford, whilst cases of insanity are removed to an Asylum at Hill End, near St. Albans.

### **Water Supply.**

For the most part the town derives its supply from two wells sunk in the chalk. Both these wells are in the Town and are the property of the Council. In one case a steam engine and in the other a gas engine (supplied by a gas producing plant) is used to pump up the water. Samples of both well waters were submitted to the County Analyst during the year. Both showed a high degree of chemical purity. The question of a better supply to the higher parts of the town has again been under discussion. A plan by which it is hoped this difficulty may be overcome is under consideration.

### **Sewage Disposal.**

The sewage is carried to Stanstead Abbots by gravitation, a distance of some two miles. Here it is pumped up on to a farm near Rye House, about a mile further on, where it is treated by broad irriga-

tion. The farm consists of some 140 acres, 100 of which can be used for the treatment of the sewage. The pumping station together with the gas engine and gas producing plant, which have not long been installed, continue to work satisfactorily.

### **Scavenging.**

This is carried out under the direction of the Surveyor. As foreshadowed in my last report considerable progress has been made with regard to the provision of proper ashbins. No further summons for the non-providing of these has been necessary up to the present. But in a few cases your Council have found it necessary to provide the ashbins and charge the cost to the owner. I have pointed out in previous reports that I think the time has come when your Council should seriously take into consideration the question of refuse disposal by a destructor. The small one on the sewage farm at Hoddesdon has been quite successful and is capable of dealing with all their town refuse at small cost.

### **Military Occupation.**

Troops have only been billeted in the Town twice during the year. On the first occasion in August part of the South Midland Division stopped one night on their way through, on the second occasion part of the North Midland stayed two nights.

### **Nuisances.**

These, which were of the usual type, have been regularly reported at each of your fortnightly meetings by your Inspector. I must again commend your Council for insisting on the provision of proper flushing cisterns to w.c.'s and also the provision of ashbins. This latter question has occupied a considerable amount of your Inspector's time. I am glad to say the example set by Ware is beginning to be followed by my other Urban Districts. It was found necessary to take proceedings in one case of overcrowding. The Bench made the order asked for and the nuisance was abated.

### **Inspection of the District.**

This has been satisfactorily carried out during the year. As usual a part of the district has received a systematic house-to-house inspection, some 108 cottages being thus visited. In addition to this the factories and workshops, the slaughterhouses, the cowsheds and dairies, and the bakehouses were inspected at frequent intervals.

### **Housing of the Working Classes.**

Certificates for five new houses have been granted during the year. One cottage has been closed voluntarily by the owner, no cottages have been pulled down.



It has not been found necessary to issue any closing orders. Such defects as have been found have been remedied with or without formal notice. The record under the Housing and Town Planning Act is being kept up. The work is done in connection with the house-to-house survey. In all some 107 defects (often of a minor character) were discovered and dealt with. Overcrowding was abated in eight cases. There are very few empty cottages at the present time. This does not appear to be the normal condition, and is due, I am informed on good authority, to the influx of navvies who are at work on the new Railway line near Hertford. There is naturally a good deal of old cottage property in the town, but this cannot be deemed to be unfit for habitation, and the owners of it are continually being pressed to carry out improvements.

The following is the statement of work done under the Housing and Town Planning Act, which every Medical Officer of Health is under an obligation to submit :—

Number of houses inspected under Sec. 17 of the Act	....	...	...	108
Number of houses about which representations made to the Local Authority		...		7
Number of houses found unfit		...		7
Number of Closing Orders made		...		0
Number of houses remedied without Closing Orders being made		...	...	19



Number of houses remedied after Closing			
Orders had been made	....	...	o

General character of defects found :—Dampness ; bad paving, defective drains and gullies, overcrowding, insufficient ashbin accommodation and defective eaves troughing.

### **Canal Boats.**

These are boarded periodically by your Sanitary Inspector. He has paid 120 visits of inspection. As these boats are subject to inspection all down the Lea, there is rarely any serious defects to be found. Occasionally a broken skylight calls for interference, or repainting is asked for.

### **Premises under Supervision.**

DAIRIES, COWSHEDS and MILKSHOPS.—These have been regularly inspected and are kept in a fairly clean condition.

SLAUGHTERHOUSES.—There are four slaughterhouses in the Town. Three of these are old premises and badly situated. One has been temporarily abandoned.

I am still of opinion that a public abattoir for the town would be very advantageous.

BAKEHOUSES.—There are eleven bakehouses in the district, all of which are periodically inspected. On the whole they are clean and well kept.

COMMON LODGING HOUSES.—These are now under the supervision of the Inspector of Nuisances. They have been reported on each quarter as being in a well-kept and satisfactory condition. Both houses are under the same management.

### Factory & Workshop Act, 1901.

The factories and workshops have all been inspected twice during the year. There are only two factories employing more than forty men. To both of these the necessary certificates with regard to adequate means of fire escape have been granted. No notice has been received from H.M. Inspector of Factories. Two workshops have been removed from the register.

The following are the chief factories and workshops in the district.

Bakers	....	11	Laundries	....	2
Tailors	...	4	Bootmakers	...	7
Dressmakers		3	Wheelwrights	....	4
Builders	...	4	Harness Makers		2
Printers	....	3	Maltings	....	37
Flour Mills	....	1	Plumbers	....	3
Smiths	...	4	Cycle Works	....	2
Milliners	....	2	Miscellaneous	....	9

Appended will be found the usual statistics and Inspector's Summary, together with a table of Infant Mortality, and also one on work done in connection with Workshops and Factories.

SUMMARY OF WORK done through the SANITARY  
INSPECTOR in the Urban Sanitary district of  
WARE during the year ending  
December 31st, 1914.

	Total Number for Year.	Notes, Results of Inspection, etc
Complaints received.. ..	15	
Nuisances detected without complaint..	140	
Nuisances abated .. ..	152	
Notices served .. ..	121	
Summonses taken out .. ..		
Convictions .. ..		
Cottages and Dwellings Inspected ..	412	Including Housing and T.P. Act Inspections
Lodging-houses Inspected .. ..	2	Inspected frequently
Inspections Total (to various premises)	943	
Slaughter-houses Inspected .. ..	4	Inspected periodically
Bakehouses Inspected .. ..	11	" "
Dairies, Milkshops, and Cowsheds		
Inspected .. ..	10	" "
Workshops Inspected .. ..	83	" "
Filthy houses cleansed, sec. 46 " Public Health Act, 1875 " .. ..	5	
Houses disinfected .. ..	14	
Overcrowding abated .. ..	8	
Houses placed in habitable repair ..	16	
Houses closed .. ..	1	Closed voluntarily
Houses erected or re-built for which Water Certificates were applied ..	5	New Houses
Certificates granted .. ..	5	" "
Houses connected with sewers .. ..	5	" "
Houses connected with water mains ..	5	" "
Earth, pail or improved Privies con- structed or existing Privies altered ..		
Privies and W.C.'s repaired .. ..	15	
W.C.'s supplied with water .. ..	2	
New W.C.'s built .. ..		
Drainage systems repaired and relaid ..	31	
Drains and W.C.'s unchoked .. ..	57	
Defective sinks remedied .. ..	6	
Animals improperly kept removed .. ..	1	Rabbits
Samples of water taken for analysis ..	3	
Seizures of Unsound Meat, etc. .. ..		
Canal boats inspections .. ..	120	
Houses provided with ashbin accommo- dation .. ..	49	
Defective paving repaired .. ..	12	
Cases of Dampness attended to .. ..	18	
Defective eaves gutters .. ..	25	
W.C. cisterns repaired .. ..	22	
Miscellaneous .. ..	12	

*Signed: H. FOX HILL.*

*Inspector of Nuisances.*

The redrainage of the Union Workhouse has been completed under the supervision of the Sanitary Inspector.



TABLE OF POPULATION, BIRTHS and DEATHS in the WARE URBAN DISTRICT.

YEAR.	Popula- tion estimated to middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un- corrected Number	Number.	Rate.§	Number.	Rate.§	of Non- residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
									Number.	Rate per 1000 Births registered.	Number.	Rate.§
1	2	3	4	5	6	7	8	9	10	11	12	13
1903												
1904												
1905												
1906												
1907												
1908												
1909	5775	137			123	21·3			15	109·5	102	17·6
1910	5780	124			68	11·7			10	80·6	64	11·0
1911	5842	114	108	18·5	85	14·5	18	4	13	120·3	71	12·1
1912	5869	141	141	24·0	86	14·6	13	7	13	92·2	80	13·6
1913	5900	116	113	19·1	76	13·0	15	5	2	17·7	66	11·2
1914	5920	139	139	23·4	88	14·8	17	7	9	64·7	78	13·1

\* Rates in Columns 5, 7, and 13 calculated per 1,000 of estimated population.



# INFANTILE MORTALITY during the year 1914, in the WARE URBAN DISTRICT.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total deaths under 1 Year.
<b>All Causes—</b>										
Certified .. .. .	1	2	..	..	..3	2	1	1	1	..8
Uncertified . . . . .	1	..	..	..	..1	..	..	..	..	..1
<b>Common Infectious Diseases—</b>										
Small-pox .. .. .	..	..	..	..	..	..	..	..	..	..
Chicken-pox .. .. .	..	..	..	..	..	..	..	..	..	..
Measles .. .. .	..	..	..	..	..	..	..	..	..	..
Scarlet Fever .. .. .	..	..	..	..	..	..	..	..	..	..
Whooping Cough .. .. .	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup)	..	..	..	..	..	..	..	..	..	..
Erysipelas .. .. .	..	..	..	..	..	..	..	..	..	..
<b>Tuberculous Diseases—</b>										
Tuberculous Meningitis .. .. .	..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculous .. .. .	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases .. .. .	..	..	..	..	..	..	..	..	..	..
<b>Wasting Diseases—</b>										
Congenital Defects .. .. .	..	..	..	..	..	..	..	..	1	..1
Premature Birth .. .. .	2	..	..	..	..2	..	..	..	..	..2
Atrophy, Debility, Marasmus .. .. .	..	1	..	..	..1	..	1	..	..	..2
Atelectasis .. .. .	..	..	..	..	..	..	..	..	..	..
Injury at Birth .. .. .	..	..	..	..	..	..	..	..	..	..
<b>Diarrhoeal Diseases—</b>										
Diarrhoea .. .. .	..	..	..	..	..	..	..	..	..	..
Enteritis .. .. .	..	..	..	..	..	..	..	..	..	..
<b>Other Causes—</b>										
Syphilis .. .. .	..	..	..	..	..	..	..	..	..	..
Rickets .. .. .	..	..	..	..	..	..	..	..	..	..
Meningitis ( <i>not Tuberculous</i> ) .. .. .	..	..	..	..	..	..	..	..	..	..
Convulsions .. .. .	..	..	..	..	..	..	..	..	..	..
Gastritis .. .. .	..	..	..	..	..	..	..	..	..	..
Laryngitis .. .. .	..	..	..	..	..	..	..	..	..	..
Bronchitis .. .. .	..	..	..	..	..	1	..	..	..	..1
Pneumonia .. .. .	..	..	..	..	..	..	..	..	..	..
Suffocation, overlying .. .. .	..	..	..	..	..	1	..	1	..	..2
Other Causes .. .. .	..	1	..	..	..1	..	..	..	..	..1
	2	2	..	..	..4	2	1	1	1	..9

Births in the Year { Legitimate, 132  
 { Illegitimate 7

Deaths in the Year { Legitimate, 9  
 { Illegitimate, 0

Report for the Year 1914, on the Administration of the  
Factory and Workshops Act, 1901, for the Urban District of  
WARE.

### 1.—INSPECTION.

Premises.	Number of			
	Inspections.	Formal Notices.	Prosecutions	
<b>Factories</b> including Factory Laundries ...	...	}	...	
<b>Workshops</b> including Workshop Laundries	186		5	...
<b>Workplaces</b> ... ..	2		...	...
<b>Homeworkers' Premises</b> .. ..	...		...	...
Total ... ..	188	5	...	

## 2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions
	Found.	Remedied.	Referred to H.M. Inspector.	
<b>Nuisances under the Public Health Acts:</b>				
Want of cleanliness ... ..	11	11	...	...
Want of ventilation ... ..	...	...	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors ... ..	...	...	...	...
Other nuisances ... ..	...	...	...	...
†Sanitary accommodation { insufficient ... ..	7	7	...	...
{ unsuitable or defective ... ..				
{ not separate for sexes ... ..				
<b>Offences under the Factory &amp; Workshop Act</b>				
Illegal occupation of underground bake-house (s. 101) ... ..	...	...	...	...
Breach of special sanitary requirements for bakehouses (ss. 97 to 100) ... ..	7	7	...	...
Other offences ... ..	8	8	...	...
<b>Total</b> .. ..	<b>33</b>	<b>33</b>	<b>...</b>	<b>...</b>

### 3.—HOME WORK.

	Once in the year.	Twice in the year.
<b>Making, &amp;c., Wearing Apparel—</b>		
Lists received from Employers—Lists ... ..	...	1
" " Outworkers ... ..	...	...
Numbers of Addresses of Outworkers received from other Councils	...	...
Number of Inspections of Outworkers' Premises ... ..	...	1

#### 4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.											Number.
Workshops	...	...	...	...	...	...	...	...	...	...	83
Bakehouses	...	...	...	...	...	...	...	...	...	...	11
Total number of workshops on Register							...	...	...	...	94

## 5.—OTHER MATTER

Class.	Number
Matters notified to H.M. Inspectors of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)...	...
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory Act (s 5)	<div> <div>Notified by H M. Inspector</div> <div>...</div> <div>Reports of action taken sent to H.M. Inspector.</div> <div>...</div> </div>



# TABLE OF DEATHS during the Year 1914, in the WARE URBAN DISTRICT.

CAUSE OF DEATH.	DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.									Total Deaths whether of 'Residents' or 'Non-Residents' in Institu- tions in the District.
	All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	
All causes { Certified ... ..	74	8	1	4	3	1	9	15	33	
Uncertified ... ..	4	1	..	..	..	..	..	1	2	
Enteric fever ... ..	..	..	..	..	..	..	..	..	..	1
Small-pox ... ..	..	..	..	..	..	..	..	..	..	
Measles ... ..	..	..	..	..	..	..	..	..	..	
Scarlet fever ... ..	..	..	..	..	..	..	..	..	..	
Whooping-cough ... ..	1	..	1	..	..	..	..	..	..	
Diphtheria and membranous croup	..	..	..	..	..	..	..	..	..	
Influenza ... ..	..	..	..	..	..	..	..	..	..	
Erysipelas ... ..	..	..	..	..	..	..	..	..	..	
Phthisis, (Pulmonary Tuberculosis)	3	..	..	1	..	..	1	1	..	
Tuberculous Meningitis ... ..	2	..	..	..	2	..	..	..	..	
Other tuberculous diseases	..	..	..	..	..	..	..	..	..	6
Cancer, malignant disease	4	..	..	..	..	..	1	3	..	
Rheumatic Fever ... ..	..	..	..	..	..	..	..	..	..	
Meningitis ... ..	..	..	..	..	..	..	..	..	..	
Organic Heart Disease ... ..	12	..	..	..	..	..	1	4	7	
Bronchitis ... ..	9	1	..	..	..	..	..	1	7	
Pneumonia (all forms) ... ..	5	..	..	1	1	..	..	2	1	
Other diseases of respiratory organs	1	..	..	..	..	..	..	..	1	
Diarrhoea and Enteritis ... ..	2	..	..	..	..	..	..	..	2	
Appendicitis and Typhlitis	..	..	..	..	..	..	..	..	..	
Cirrhosis of liver ... ..	1	..	..	..	..	..	1	..	..	
Alcoholism ... ..	1	..	..	..	..	..	..	1	..	
Nephritis and Bright's Disease	2	..	..	..	..	..	..	1	1	
Puerperal fever ... ..	..	..	..	..	..	..	..	..	..	
Diseases and accidents of parturition	..	..	..	..	..	..	..	..	..	
Premature birth ... ..	5	5	..	..	..	..	..	..	..	
Violent Deaths (excluding Suicide)	3	2	..	..	..	1	..	..	..	
Suicides ... ..	1	..	..	..	..	..	..	1	..	
Other Defined Diseases ... ..	26	1	..	2	..	..	5	2	16	
Diseases ill-defined or unknown	..	..	..	..	..	..	..	..	...	13
	..	..	..	..	..	..	..	..	..	
Total ... ..	78	9	1	4	3	1	9	16	35	26

Poliomyelitis ... ..





# BISHOP'S STORTFORD URBAN DISTRICT.

Report of the Medical Officer of Health for 1914.

---

GENTLEMEN,

I beg to present my Fourteenth Annual Report  
on the health of your District.

## Population.

The Population (estimated) was	....	....	9,200
The Population at the Census of 1911 was			8,723
The Population at the Census of 1891 was			6,595
The Population at the Census of 1901 was			7,143
The Acreage at the Census of 1911	....		3,285
The Number of Inhabited buildings at the Census of 1901 was	...	....	1,586
The Number of Inhabited buildings at the Census of 1911	....	...	1,925
The Average Population per House at the Census of 1901 was	....	....	4·6
The Average Population per House at the Census of 1911 was	....	....	4·5
The factor for Standardization is	....	....	·9018

## Vital Statistics.

	Year—1912			1913	1914
Birth Rate	....	19·8	....	16·15....	18·04
Total Deaths registered in District	....	126	....	143	.... 160
Corrections	....	- 32	....	- 31	.... - 46
Net Death Rate	....	10·5	....	12·3	.... 12·4
Standardized Death Rate	....	9·46	....	11·09....	11·18
Zymotic Death Rate	0·56	....	0·55....	0·97	
Diarrhœa Death Rate	0·11	....	0·22....	0·42	
Phthisis Death Rate	0·45	....	0·99....	0·42	
Cancer Death Rate	0·8	....	1·3	....	0·97
Infant Mortality per 1000 Births	....	90·9	....	89·0	.... 97·5
Total Deaths over 65 years	....	42	....	46	.... 48

The Vital Statistics seem to me again somewhat unsatisfactory. The Birth Rate, it is true, is better than in the previous year, but it is still too low. The Death Rate remains the same. There is a rise in the Zymotic Death Rate partly caused by a doubling of the deaths from Diarrhœa. The Death Rate from Phthisis is satisfactory. The Cancer Death Rate is a little lower. The Infant Mortality figure is somewhat higher than it has been for the

last two years, I should like to see it lower. No less than 77 deaths took place in Public Institutions in the town, 51 of these were deaths of non-residents.

**Deaths from Infectious Diseases not necessarily notifiable.**

		1910	1911	1912	1913	1914
Measles	...	0	2	3	1	2
Scarlet Fever	...	0	0	0	0	1
Whooping Cough		0	1	1	2	0
Diphtheria	...	0	0	0	0	2
Influenza	...	3	0	2	5	4
Enteric Fever	...	0	0	0	0	0
Diarrhœa	...	0	} 7	1	2	4
Enteritis	...	0				
Erysipelas	...	0	0	0	0	1
Phthisis	...	5	13	4	9	4
Puerperal Fever		0	0	0	0	0

**Notification of Infectious Diseases.**

		1910	1911	1912	1913	1914	Removed to Hospital
Scarlet Fever		3	2	6	14	21	19
Diphtheria	....	1	5	1	7	10	10
Enteric Fever		3	0	1	0	0	0
Erysipelas	....	3	1	1	0	4	0
Puerperal Fever		0	0	0	0	0	0
Pulmonary Tuberculosis				10	8	1	3
Other Forms of Tuberculosis					2	1	1
Poliomyelitis					0	0	0

### **Isolation Hospitals.**

An arrangement exists with the Hadham and Stansted Rural District Councils whereby patients from the Urban District are nursed at that Hospital.

A separate Hospital is provided for cases of Small-pox.

### **Disinfection.**

Infected bedding, etc., is removed to the Hospital, and there Disinfected by Steam. The premises from which an infectious patient has been removed are promptly disinfected by the Sanitary Inspector.

### **Bacteriological Arrangements**

Swabs from doubtful cases of Diphtheria can be sent to the Hospital, at Hertford, where they are examined by the Medical Officer of Health.

### **Epidemiology.**

SMALL POX.—No notification of Small Pox was received during the year.

SCARLET FEVER.—Twenty-one cases of Scarlet Fever were notified during the year. This is the highest number we have had for some years past. Nineteen of the patients were removed to the Isolation Hospital. The first case to occur was in Feb



ruary in a private school. Then in May, June, and the first half of July, no less than fifteen notifications were received. The disease was localized to the Hockerill part of the town, but in spite of this I was unable to connect the cases. Two more cases occurred in August, another towards the end of October, the next at the end of November and the last (in one of the military) at the end of December.

DIPHTHERIA.—There weret en Diphtheria notifications received as compared with seven in the previous year. Three of these patients were Military. I am inclined to connect five of the civilian cases with the advent of the military but this is only a suspicion. Of the other two cases one occurred in February and the other in July.

ENTERIC FEVER.—No notification of this disease was received during the year.

ERYSIPELAS.—Four cases of Erysipelas were notified. In one case, after several weeks illness, the disease proved fatal.

PUERPERAL FEVER.—No notification of this disease has been received for at least nine years.

MEASLES.—Measles broke out in one Infants' school in November. The school had to be closed. Two deaths resulted from the outbreak. Several cases occurred amongst the Troops.

WHOOPING COUGH.—There were no deaths from Whooping Cough.

MUMPS.—A certain number of cases of Mumps occurred both amongst the civil and military population.

DIARRHOEA AND ENTERITIS. — Four deaths (three of them in children under one year of age) were certified as due to this cause. Owing to the hot weather in September this disease was more prevalent than it had been for some years past.

PULMONARY TUBERCULOSIS.—There were only four deaths from Pulmonary Tuberculosis which is somewhat below the average. Only one notification was received although three patients were admitted into Sanatoria. It would appear that all the cases are not formally notified.

### **Cancer.**

The deaths from Cancer were nine. This would seem to be about the average. They were twelve in 1913, seven in 1912, eleven in 1911, nine in 1910, ten in 1909 and nine in 1908.

### **Public Institutions.**

There are three Public Institutions within the Urban District which receive sick persons, viz : The Hospital, the Isolation Hospital and the Union Workhouse.

### **Water Supply.**

Most of the houses obtain their supply from the Town service, which is ample in quantity and good in quality. The only possible objection that can be raised against it is on the score of hardness. The well and pumping station is situated on high ground outside the town, near the Western boundary of the district.

The new water mains laid in the Hockerill district have proved a great advantage. The district is in this way divided into two zones, and consequently a much better supply is ensured. A sample of water was taken for analysis at the request of the military and proved to be of excellent quality, but somewhat hard.

### **Drainage.**

There is nothing fresh to report with regard to drainage, except that a scheme, approved by the Council in 1913, for an intercepting sewer for the Hockerill district, has been postponed.

### **Sewage Disposal.**

The sewage is carried by gravitation to a farm some  $1\frac{1}{2}$  miles distant, which is situated just outside the district. Here it is pumped on to the farm and treated by broad irrigation. The night effluent, which formerly went into the river, after having



been passed through small filters, is now pumped up on to the farm. No sewage now flows into the river. A 39 h.p. gas engine pumps the whole of the dry weather flow of sewage on to the highest point on the farm. Auxiliary engines are employed during flood time.

### **Public Conveniences.**

A new Public Convenience for both sexes has recently been erected in the Market Square. A year or two ago a similar convenience was placed in the Castle grounds. These supply a much felt want.

### **Scavenging.**

This is undertaken in a satisfactory manner by the District Council. As stated in my last report, the Council have insisted on the provision of suitable ashbins throughout the district. I am pleased to be able to report that practically every house in Bishop's Stortford is now provided with a suitable ash bin. In the few cases where ash bins have been absent, it has been owing to old ones having become worn out or having been removed by the tenants.

The tip is an old gravel pit about  $1\frac{1}{2}$  miles to the South East of the town. It adjoins the sewage farm.



### **Nuisances.**

The nuisances reported by the Sanitary Inspector have been of the type usually met with in small Urban Districts, and require no special comment.

### **Inspection of the District.**

This has been satisfactorially carried out during the year by your Sanitary Inspector.

### **Military Occupation.**

In August some Yeomanry made Bishop's Stortford their headquarters. About the middle of November the North Midland Division concentrated on Bishop's Stortford at short notice. Part of it (possibly 8,000 to 10,000 strong) were billeted in the town, the rest in the neighbourhood. It was felt at once, both by the Military and Civil Authorities that this number was too large and in about a fortnight the pressure was relieved by the removal of a brigade into a neighbouring town. The troops remained in occupation until the end of February. Every effort was made by your council and officials to deal with this sudden increase of the population and to insure the health of both the civil and military.

I think it may be claimed that this was accomplished very fairly successfully and in my opinion this was due to the very hearty co-operation which existed between the two authorities. It will be clear that a large amount of extra labour was entailed and that it was necessary to suspend the less important work and concentrate on the more urgent sanitary requirements.

### **Housing of the Working Classes.**

It was not found necessary to issue any closing orders during the year. In one yard four cottages have been voluntarily demolished, whilst a fifth was converted into a wash-house. Two cottages which were closed in the previous year have been now rendered fit for occupation. In one case the earth has been removed from under the floor and proper ventilation provided. The back yards of twenty-three have been paved, flagged or asphalted. The w.c's of fifteen old houses have been furnished with flushing cisterns. There are, however, a large number remaining to be done. Overcrowding was abated in two cases. Of the twelve new houses built nearly all were too large for the working classes.

The following are the particulars required to be given under the Housing and Town Planning Act :—

Number of houses inspected under Sec. 17 of the Act	....	...	...	301
Number of houses about which representations made to the Local Authority		...		0
Number of houses found unfit		...		0
Number of Closing Orders made		...		0
Number of houses remedied without Closing Orders being made	...	...		8
Number of houses remedied after Closing Orders had been made	....	...		2

The general character of defects found were Dampness, and general dilapidation.

### **Bye-Laws.**

The new Building Bye-laws have been adopted and are now in force. Many of the provisions of the Public Health's Act Amendment Act, 1907, have also been adopted, sanctioned by the Local Government Board and have come into operation.

### **Canal Boats.**

There are now no canal boats on the register, as owing to the dredging operations proceeding on the Stort, and the building of new bridges, traffic has been suspended.

### **Premises under Supervision.**

DAIRIES, COWSHEDS and MILKSHOPS.—There are 8 Cowsheds and 5 Dairies and Milkshops in the District. These have been inspected every month and are kept in a fairly clean condition.

SLAUGHTERHOUSES.—There are seven slaughterhouses in the Town. They are inspected about once a week, and on the whole are satisfactory.

BAKEHOUSES.—There are nine bakehouses in the district which are all inspected monthly. On the whole they are clean and well kept.

COMMON LODGING HOUSES.—There are two Common Lodging houses in the District and these are inspected nearly every day. They are fairly well kept. On looking through the returns of inmates for the past few years, there has been a steady decrease, falling from 16,138 in 1909 to 12,040 in 1914.

### **Factory & Workshop Act, 1901.**

The 98 workshops have each been inspected four times during the year, and together with the factories have entailed 480 visits of inspection.



The following are the chief factories and workshops in the district.

Bakers	....	9	Maltings	....	17
Tailors	....	7	Laundries	....	2
Dressmakers		13	Bootmakers	...	8
Builders	...	10	Wheelwrights	....	3
Smiths	...	3	Rope makers	....	1
Milliners	....	8	Furrier	....	1
Clothiers	....	5	Bottle Washing...		3
Breweries	...	2	Upholsterers	....	5
Cycle Works		6	Printers	....	3
Harness Makers		2	Marine Store Dealer		1
Millers	....	2	Fellmongers	....	1

Appended will be found the usual statistics and Inspector's Summary, together with a table of Infant Mortality, and also one on work done in connection with Workshops and Factories.



SUMMARY OF WORK done through the SANITARY  
INSPECTOR in the Urban Sanitary district of  
BISHOP'S STORTFORD during the year ending  
December 31st, 1914.

	Total Number for Year.	Notes, Results of Inspection, etc
Complaints received.. .. .	10	Attended to at once.
Nuisances detected without complaint..	80	
Nuisances abated .. .. .	80	
Notices served .. .. .	23	
Summonses taken out .. .. .		
Convictions .. .. .		
Cottages and Dwellings Inspected ..	301	
Lodging-houses Inspected .. ..	2	Inspected almost daily.
Inspections Total (to various premises)		
Slaughter-houses Inspected .. ..	6	Inspected weekly.
Bakehouses Inspected .. .. .	9	" "
Dairies, Milkshops, and Cowsheds		
Inspected .. .. .	19	" "
Workshops Inspected .. .. .	98	" quarterly.
Filthy houses cleansed, sec. 46 " Public Health Act, 1875 " .. .. .	1	
Houses disinfected .. .. .	37	
Overcrowding abated .. .. .	2	
Houses placed in habitable repair ..	2	
Houses closed .. .. .		Closed voluntarily
Houses erected or re-built for which Water Certificates were applied ..	12	New Houses
Certificates granted .. .. .		
Certificates deferred .. .. .		
Houses connected with sewers .. ..	12	" "
Houses connected with water mains ..		
Earth, pail or improved Privies con- structed or existing Privies altered ..	2	
Privies and W.C.'s repaired .. ..	17	
W.C.'s supplied with water .. ..	15	
New W.C.'s built .. .. .	2	
Drainage systems repaired and relaid ..	2	
Drains and W.C.'s unchoked .. ..	28	
Defective sinks remedied .. .. .	5	
Animals improperly kept removed ..	2	
Samples of water taken for analysis ..	1	
Seizures of Unsound Meat, etc. ..		
Canal boats inspections .. .. .		
Houses provided with ashbin accommo- dation .. .. .	86	
Defective paving repaired .. .. .	23	
Cases of Dampness attended to .. ..	3	
Miscellaneous .. .. .		

Signed: WILLIAM TRIPP.

*Inspector of Nuisances.*



TABLE OF POPULATION, BIRTHS and DEATHS in the BISHOP'S STORTFORD URBAN DISTRICT.

YEAR.	Popula- tion estimated to middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un- corrected Number	Number.	Rate.§	Number.	Rate.§	of Non- residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
									Number.	Rate per 1000 Births registered.	Number.	Rate.§
1	2	3	4	5	6	7	8	9	10	11	12	13
1903												
1904												
1905												
1906												
1907												
1908												
1909	7590	177			152	20.0			17	96.0	127	16.7
1910	7885	157			116	14.7			7	44.6	85	10.7
1911	8723	177	175	20.0	137	15.7	29	4	20	113.0	112	12.8
1912	8881	175	176	19.8	126	14.1	40	8	16	90.9	94	10.5
1913	9040	150	146	16.15	143	15.8	34	3	13	89.0	112	12.3
1914	9200	169	164	18.04	160	17.4	51	5	16	97.5	114	12.4

\* Rates in Columns 5, 7, and 13 calculated per 1,000 of estimated population.

INFANTILE MORTALITY during the year 1914,  
in the BISHOP'S STORTFORD URBAN DISTRICT.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total deaths under 1 Year.
<b>All Causes—</b>										
Certified .. ..	5	1	..	1	.. 7	2	2	3	1	.. 15
Uncertified .. ..	1	..	..	..	.. 1	..	..	..	..	.. 1
<b>Common Infectious Diseases—</b>										
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..
Chicken-pox .. ..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	..	..	..	..	..	..	1	.. 1
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..
Whooping Cough .. ..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup) .. ..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..
<b>Tuberculous Diseases—</b>										
Tuberculous Meningitis .. ..	..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis .. ..	..	..	..	..	..	..	..	1	..	.. 1
Other Tuberculous Diseases .. ..	..	..	..	..	..	..	..	..	..	..
<b>Wasting Diseases—</b>										
Congenital Defects .. ..	2	..	..	..	.. 2	..	..	..	..	.. 2
Premature Birth .. ..	..	1	..	..	.. 1	..	..	..	..	.. 1
Atrophy, Debility, Marasmus .. ..	3	..	..	1	.. 4	..	..	..	..	.. 4
Atelectasis .. ..	..	..	..	..	..	..	..	..	..	..
Injury at Birth .. ..	..	..	..	..	..	..	..	..	..	..
<b>Diarrhœal Diseases—</b>										
Diarrhœa .. ..	..	..	..	..	..	1	1	..	..	.. 2
Enteritis .. ..	..	..	..	..	..	..	..	1	..	.. 1
<b>Other Causes—</b>										
Syphilis .. ..	..	..	..	..	..	..	..	..	..	..
Rickets .. ..	..	..	..	..	..	..	..	..	..	..
Meningitis ( <i>not Tuberculous</i> ) .. ..	..	..	..	..	..	..	..	..	..	..
Convulsions .. ..	1	..	..	..	.. 1	1	..	..	..	.. 2
Gastritis .. ..	..	..	..	..	..	..	1	1	..	.. 2
Laryngitis .. ..	..	..	..	..	..	..	..	..	..	..
Bronchitis .. ..	..	..	..	..	..	..	..	..	..	..
Pneumonia .. ..	..	..	..	..	..	..	..	..	..	..
Suffocation, overlying .. ..	..	..	..	..	..	..	..	..	..	..
Other Causes .. ..	..	..	..	..	..	..	..	..	..	..
	6	1	..	1	.. 8	2	2	3	1	.. 16

Births in the Year { Legitimate, 155  
                                  Illegitimate 9

Deaths in the Year { Legitimate, 13  
                                  Illegitimate, 3

Report for the Year 1914, on the Administration of the  
Factory and Workshops Act, 1901, for the Urban District of  
BISHOP'S STORTFORD.

## 1.—INSPECTION.

Premises.	Number of		
	Inspections.	Formal Notices.	Prosecutions
<b>Factories</b> including Factory Laundries ...	68	}	...
<b>Workshops</b> including Workshop Laundries	392		...
<b>Workplaces</b> ... ..	...		...
<b>Homeworkers' Premises</b> ..	20		...
Total ... ..	480	...	...

## 2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<b>Nuisances under the Public Health Acts:</b>				
Want of cleanliness ... ..	1	1	...	...
Want of ventilation ... ..	...	...	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors ... ..	...	...	...	...
Other nuisances ... ..	...	...	...	...
†Sanitary accommodation { insufficient ... ..	...	...	...	...
{ unsuitable or defective ... ..	...	...	...	...
{ not separate for sexes ... ..	...	...	...	...
<b>Offences under the Factory &amp; Workshop Act</b>				
Illegal occupation of underground bake-house (s. 101) ... ..	...	...	...	...
Breach of special sanitary requirements for bakehouses (ss. 97 to 100) ... ..	...	...	...	...
Other offences ... ..	...	...	...	...
<b>Total</b> ... ..	<b>1</b>	<b>1</b>	<b>...</b>	<b>...</b>

### 3.—HOME WORK.

	Once in the year.	Twice in the year.
<b>Making, &amp;c., Wearing Apparel—</b>		
Lists received from Employers—Lists ... ..	...	8
" " Outworkers ... ..	...	10
Numbers of Addresses of Outworkers received from other Councils	...	...
Number of Inspections of Outworkers' Premises ... ..	...	10

#### 4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.											Number.
Workshops	...	...	...	...	...	...	...	...	...	...	89
Bakehouses	...	...	...	...	...	...	...	...	...	...	9
Total number of workshops on Register							...	...	...	...	98

## 5.—OTHER MATTER

Class.	Number
Matters notified to H.M. Inspectors of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)...	...
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory Act (s 5)	... ... Reports of action taken sent to H.M. Inspector. ...



TABLE OF DEATHS during the Year 1914, in the  
BISHOP'S STORTFORD URBAN DISTRICT.

CAUSE OF DEATH.				DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.									Total Deaths whether of 'Residents' or 'Non- Residents' in Institu- tions in the District.
				All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	
All causes	Certified	...	...	..	..	..	..	..	..	..	..	..	
	Uncertified	...	...	4	1	..	..	..	..	1	..	2	
Enteric fever	...	...	...	..	..	..	..	..	..	..	..	..	
Small-pox	...	...	...	..	..	..	..	..	..	..	..	..	
Measles	...	...	...	2	1	1	..	..	..	..	..	..	
Scarlet fever	...	...	...	1	..	..	..	..	..	1	..	..	
Whooping-cough	...	...	...	..	..	..	..	..	..	..	..	..	
Diphtheria and membranous croup				2	..	..	2	..	..	..	..	..	3
Influenza	...	...	...	4	..	..	..	..	..	1	2	1	2
Erysipelas	...	...	...	1	..	..	..	..	..	..	1	..	
Phthisis, (Pulmonary Tuberculosis)				4	..	..	..	..	1	1	2	..	4
Tuberculous Meningitis	...	...	...	..	..	..	..	..	..	..	..	..	
Other tuberculous diseases	...	...	...	2	1	1	..	..	..	..	..	..	
Cancer, malignant disease	...	...	...	9	..	..	..	..	..	..	3	6	3
Rheumatic Fever	...	...	...	..	..	..	..	..	..	..	..	..	
Meningitis	...	...	...	..	..	..	..	..	..	..	..	..	
Organic Heart Disease	...	...	...	12	..	..	..	..	..	..	2	10	13
Bronchitis	...	...	...	9	..	..	..	..	..	..	2	7	7
Pneumonia (all forms)	...	...	...	9	..	1	1	..	..	1	2	4	2
Other diseases of respiratory organs				1	..	..	..	..	..	..	..	1	1
Diarrhoea and Enteritis	...	...	...	4	3	..	..	..	..	1	..	..	1
Appendicitis and Typhlitis	...	...	...	1	..	..	..	1	..	..	..	..	3
Cirrhosis of liver	...	...	...	..	..	..	..	..	..	..	..	..	1
Alcoholism	...	...	...	2	..	..	..	..	..	2	..	..	2
Nephritis and Bright's Disease	...	...	...	6	..	..	..	..	..	2	3	1	1
Puerperal fever	...	...	...	..	..	..	..	..	..	..	..	..	
Diseases and accidents of parturition				1	..	..	..	..	1	..	..	..	
Premature birth	...	...	...	8	7	1	..	..	..	..	..	..	5
Violent Deaths (excluding Suicide)				3	..	..	..	1	1	..	..	1	1
Suicides	...	...	...	..	..	..	..	..	..	..	..	..	
Other Defined Diseases	...	...	...	32	4	1	..	..	1	1	8	17	28
Diseases ill-defined or unknown	...	...	...	1	..	..	..	..	..	1	..	..	
				..	..	..	..	..	..	..	..	..	
Total	..	..	..	114	16	5	3	2	4	11	25	48	77

## Poliomyelitis



CASES OF INFECTIOUS DISEASE notified during the Year 1914, in the  
BISHOP'S STORTFORD URBAN DISTRICT.

[illegible]

## HODDESDON URBAN DISTRICT

## Report of the Medical Officer of Health for 1914

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GENTLEMEN,

I beg to present my Fourteenth Annual Report on the health of your District.

**Population.**

The Population (estimated) was	....	....	5,350
The Population at the Census of 1911 was			5,196
The Population at the Census of 1891 was			3,975
The Population at the Census of 1901 was			4,711
The Acreage at the Census of 1911	....		1,576
The Number of Inhabited buildings at the Census of 1901 was	...	....	1,029
The Number of Inhabited buildings at the Census of 1911	....	...	1,190
The Average Population per House at the Census of 1901 was	....	....	4.58
The Average Population per House at the Census of 1911 was	....	....	4.37
The factor for Standardization is	....	....	.8819

### Vital Statistics.

	Year—1912			1913	1914
Birth Rate	....	19·07	....	19·4	.... 14·4
Total Deaths registered in District	....	35	....	50	.... 52
Corrections	....	+ 8	....	+ 18	.... + 15
Net Death Rate	....	8·2	....	12·8	.... 12·5
Standardized Death Rate	....	7·23	....	11·28	.... 11·0
Zymotic Death Rate	0·57	....	0·94	....	0·93
Diarrhœa Death Rate	nil.	....	0·19	....	0·37
Phthisis Death Rate	0·76	....	0·94	....	1·3
Cancer Death Rate	1·3	....	2·45	....	1·3
Infant Mortality per 1000 Births	....	40·0	....	38·8	.... 90·9
Total Deaths over 65 years	....	23	....	25	.... 34

The Vital Statistics are disappointing. The Birth Rate is appallingly low. Quite the lowest I have ever recorded for any of my Districts. The Death Rate is the same as in the previous year, as is also the Zymotic Death Rate. The Phthisis Death Rate is certainly too high. I am glad to report that the Cancer Death Rate has come down to about its normal figure though it should be lower. The Infant Mortality figure, which for two years

previously had been very satisfactory, has gone up considerably, The deaths of old people (as seems to be the rule this year) are increased.

**Deaths from Infectious Diseases not necessarily notifiable.**

		1910	1911	1912	1913	1914
Measles	...	2	0	2	0	0
Scarlet Fever	...	0	0	0	0	0
Whooping Cough		0	0	1	0	0
Diphtheria	...	1	0	0	3	2
Influenza	...	1	0	0	2	1
Enteric Fever	...	0	0	0	1	1
Diarrhœa	...	0	} 2	0	1	2
Enteritis	...	0				
Erysipelas	...	0	0	0	0	0
Phthisis	...	3	6	4	5	7
Puerperal Fever		0	0	0	0	0

**Notification of Infectious Diseases.**

		1910	1911	1912	1913	1914	Removed to Hospital
Scarlet Fever		3	8	3	14	4	4
Diphtheria	....	5	2	8	31	17	17
Enteric Fever		0	0	2	1	1	1
Erysipelas	....	1	2	1	2	4	0
Puerperal Fever		0	0	0	0	1	0
Pulmonary Tuberculosis				14	13	11	3
Other Forms of Tuberculosis					6	4	2
Poliomyelitis					0	0	0
Ophthalmia Neo-natorum					0	1	0



### **Isolation Hospitals.**

Cases of Scarlet Fever and Diphtheria are isolated as far as possible at the Joint Hospital, Gallows Hill. Enteric Fever patients can be isolated at the Joint Hospital if necessary.

A Hospital for the treatment of Small Pox cases has also been provided by the Joint Hospital Board.

### **Disinfection.**

Infected bedding, etc., is removed to the Hospital, and there Disinfected by Steam. The premises from which an infectious patient has been removed are promptly disinfected by the Sanitary Inspector.

### **Bacteriological Arrangements**

Arrangements have been made with an Institution for the examination of swabs from doubtful cases of Diphtheria.

### **Epidemiology.**

SMALL POX.—No notification of Small Pox was received during the year.

SCARLET FEVER.—Only four cases of Scarlet Fever were notified as compared with fourteen in 1913. The first case, a doubtful one, occurred in

January. The next patient, who was also suffering from diphtheria, was notified in March. The next one was in June and the last in December. All the patients were removed to Hospital.

DIPHTHERIA.—This disease was a good deal in evidence during the year. In all, seventeen cases were notified and one I sent to hospital myself. Five of the patients belonged to the same family in which three cases occurred two months previously. One of these was doubtful. Three cases occurred in another family. In this instance, too, a patient who had been notified four months before had just returned home. In another instance a previous case had occurred in the same house ten months previously. One case was notified in January, three in February, three in March, three in April (members of same family), one in May, three in June, and one each in July, August and September.

ENTERIC FEVER.—One case of Enteric Fever was notified at the end of December and was admitted to the Hospital in a moribund condition. There seemed some doubt about the diagnosis. The same patient was notified early in the year as suffering from Tuberculosis.

ERYSIPELAS.—Four cases occurred. This is a larger number than usual.

PUERPERAL FEVER.—One case was reported.

OPHTHALMIA NEO-NATORUM.—One notification was received.

MEASLES AND WHOOPING COUGH.—There were no deaths from either Whooping Cough or Measles during the year.

INFLUENZA.—The death of one patient was attributed to Influenza.

DIARRHOEA AND ENTERITIS.—There were two deaths from Diarrhoea, both occurring in Infants.

### **Pulmonary Tuberculosis.**

The deaths from Consumption numbered seven, which is somewhat above the average. This appears to be about five. Eleven notifications were received of Pulmonary and four of other forms of Tuberculosis.

### **Cancer.**

The number of deaths from Cancer was seven as compared with thirteen in 1913. As I pointed out in my last report seven would seem to be about the average.

### **Public Institutions.**

There is no Workhouse or Hospital in the district. Cases of illness from Hoddesdon are trans-



ferred either to the Workhouse at Ware or to the Hospitals at Hertford or Tottenham.

### **Water Supply.**

The greater number of the houses derive their supply from a deep well in the chalk. This is owned by a private Company—the Hoddesdon Water Company. The water is pumped up into a reservoir and the houses are supplied by gravitation. I hope that at some future time it will be possible for the Council to purchase these waterworks. It is certainly preferable from a sanitary point of view that all water supplies should be under the direct control of the Sanitary Authority whose district they serve.

### **Sewerage and Drainage.**

The new relief 12 inch sewer mentioned in my last Report has now been laid in Burford Street from the “Star” to Duke Street. This has done away with the flooding that was apt to occur from the old 18 inch sewer in times of heavy rainfall.

A new surface water drain has also been laid in Duke Street, North Road, Belcher Road, Roman Street and part of Burford Street.

### **Fire Hydrants.**

Five fire hydrants have been placed on the St. Catharine's Estate.

### **Sewage Disposal.**

There is little fresh to report with regard to the Sewage Disposal works. The storm water area has now been properly formed and cleared. A Laboratory has been fitted up on the Sewage Farm for the manager in order that he may make frequent tests of the condition of the sewage and effluent.

### **Scavenging.**

This is carried out under the direction of your Surveyor. There is a weekly removal from every house. All the ashes and house refuse are satisfactorily dealt with in the destructor. This is sufficient to keep the boilers at the Sewage Disposal Works going day and night for six days in the week except in the height of the summer. This means a considerable saving of coal. No complaints have been received as to any nuisance from the destructor.

### **Nuisances.**

The Inspector makes a report of such nuisances as occur at each monthly meeting of the Public Health Committee. They have been of the usual type and require no special comment.

### **Inspection of the District.**

This has been satisfactorially carried out during the year by your Sanitary Inspector. The house-to-house inspection has been continued. He made a special inspection of the district with a view of ascertaining the number of houses which were not provided with ash bins, and 161 such cases were discovered. Since that time 135 have been provided.

### **Military Occupation.**

A certain number of the South Midland Division were billeted in the Town for one night in August on their way through. During the last three months a certain number of troops (400 or 500) have been stationed at Hoddesdon (and Broxbourne) in connection with trench digging. They stay about a fortnight and are replaced by other companies. They are billeted in the houses. Your Sanitary Inspector keeps in touch with the officers in command and offers them his help. No special difficulties with regard to Sanitation have arisen.

### **Housing of the Working Classes.**

During the year progress has been made with the record which it is now necessary to keep under



the Housing and Town Planning Act. The work is carried out in connection with the house-to-house survey. It was not found necessary to issue any closing orders. Nine houses were put into habitable repair. Overcrowding was abated in two cases. One of the commonest defects found was the want of flushing cisterns to the w.c's. The matter has been under discussion at your Public Health Committee Meetings, who instructed the Sanitary Inspector to make a special inspection of the district to ascertain the number and condition of the closets not so supplied. The number of closets without flushing cisterns was found to be 614, of these 431 were in the town and 183 at Rye Park. The condition of the pans was roughly classified as follows : Clean about 52 per cent., fair about 28·5 per cent., dirty 16·5 per cent., and filthy 3 per cent.

It will be recalled that I have drawn attention in nearly every Annual Report to this (to me) very necessary improvement. With regard to the number of new cottages required for the working classes it does not appear that there is any need for them at the present time. I understand from a reliable source that there are now several standing empty. A good deal of the cottage property, taking the Rye district as an example, is fairly modern.

The following are the particulars required to be given under the Housing and Town Planning Act :—

Number of houses inspected under Sec. 17 of the Act	....	...	...	218
Number of houses about which representations made to the Local Authority		...		0
Number of houses found unfit		...		0
Number of Closing Orders made		...		0
Number of houses remedied without Closing Orders being made	...	...		9
Number of houses remedied after Closing Orders had been made	....	...		0

The general character of defects found were Dampness, and want of flushing cisterns to the water closets.

### **Bye-Laws.**

New Bye-laws dealing with the removal and deposit of refuse have been under the discussion of your Council. The Local Government Board have suggested some amendments which are receiving consideration.

### **Premises under Supervision.**

DAIRIES, COWSHEDS and MILKSHOPS.—There are 9 Cowsheds and 4 Milkshops in the District. These have been regularly inspected. There is room for improvement in one or two cases.

SLAUGHTERHOUSES.—There are six slaughterhouses in the Town, 4 being registered and 2 licensed. They have been visited each four times during the year. Some of these are old buildings and not well adapted for the purpose, still they are fairly well kept.

BAKEHOUSES.—There are seven bakehouses in the district which are all inspected periodically. On the whole they are clean and well kept.

### **Factory & Workshop Act, 1901.**

Your Sanitary Inspector has paid some 202 visits to the factories and workshops in the district. In four cases nuisances, viz., want of cleanliness. These were promptly abated.

One notice was received from H. M. Inspector of Factories as to cleanliness. The necessary work has been carried out. There is one outworker in the district.



The following are the chief factories and workshops in the district.

Tailors	....	1	Laundries	....	3
Dressmakers		4	Bootmakers	...	6
Blacksmiths	....	3	Wheelwrights	....	2
Milliners	....	2	Bakers	....	7
Printers	....	1	Harness Makers		2
Cycle Works		4	Various	....	10

The main factories in the District are the Brewery, Cricket Bat Manufactory, and Wheel and Pulley Works.

Appended will be found the usual statistics and Inspector's Summary, together with a table of Infant Mortality, and also one on work done in connection with Workshops and Factories.



SUMMARY OF WORK done through the SANITARY  
INSPECTOR in the Urban Sanitary district of  
HODDESDON during the year ending  
December 31st, 1914.

	Total Number for Year.	Notes, Results of Inspection, etc
Complaints received .. .. .	22	Attended to at once.
Nuisances detected without complaint ..	57	
Nuisances abated .. .. .	79	All complied with
Notices served .. .. .	17	
Summonses taken out .. .. .		
Convictions .. .. .		
Cottages and Dwellings Inspected ..	369	
Lodging-houses Inspected .. .. .		None
Inspections Total (to various premises)	587	
Slaughter-houses Inspected .. .. .	7	Four times each year
Bakehouses Inspected .. .. .	7	" "
Dairies, Milkshops, and Cowsheds		
Inspected .. .. .	13	" "
Workshops Inspected .. .. .	49	
Filthy houses cleansed, sec. 46 " Public Health Act, 1875 " .. .. .	2	
Houses disinfected .. .. .	31	After all Infectious cases
Overcrowding abated .. .. .	2	
Houses placed in habitable repair ..		
Houses closed .. .. .		
Houses erected or re-built for which Water Certificates were applied ..	8	
Certificates granted .. .. .	8	
Certificates deferred .. .. .		
Houses connected with sewers .. .. .	8	
Houses connected with water mains ..	8	
Earth, pail or improved Privies con- structed or existing Privies altered ..		
Privies and W.C.'s repaired .. .. .		
W.C.'s supplied with water .. .. .	8	
New W.C.'s built .. .. .	3	
Drainage systems repaired and relaid ..	1	
Drains and W.C.'s unchoked .. .. .	11	
Defective sinks remedied .. .. .	3	
Animals improperly kept removed .. ..	2	
Samples of water taken for analysis ..		
Seizures of Unsound Meat, etc. .. ..		
Canal boats inspections .. .. .		
Houses provided with ashbin accommo- dation .. .. .	135	
Defective paving repaired .. .. .	6	
Cases of Dampness attended to .. .. .	15	
Miscellaneous .. .. .	28	

*Signed: WILLIAM H. FLOOD,*  
*Inspector of Nuisances.*



TABLE OF POPULATION, BIRTHS and DEATHS in the HODDESDON URBAN DISTRICT.

YEAR.	Popula- tion estimated to middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.				
		Un- corrected Number	Number.	Rate.§	Number.	Rate.§	of Non- residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.		
									Number.	Rate per 1000 Births registered.			
												Number.	Rate. §
1	2	3	4	5	6	7	8	9	10	11	12	13	
1903													
1904													
1905													
1906													
1907													
1908													
1909	5293	121			59	11.1			5	41.3	68	12.8	
1910	5323	96			36	6.7			2	20.8	43	8.0	
1911	5196	113	120	23.0	64	12.3	1	16	11	97.3	79	15.2	
1912	5244	97	100	19.07	35	6.6	1	9	4	40.0	43	8.2	
1913	5300	99	103	19.4	50	9.4	1	19	4	38.8	68	12.8	
1914	5350	76	77	14.4	52	9.7	3	18	7	90.9	67	12.5	

\* Rates in Columns 5, 7, and 13 calculated per 1,000 of estimated population.

# INFANTILE MORTALITY during the year 1914, in the HODDESDON URBAN DISTRICT.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total deaths under 1 Year.
<b>All Causes—</b>										
Certified .. ..	...	...	...	...	...	4	2	...	1	.. 7
Uncertified .. ..	...	...	...	...	...	...	...	...	...	...
<b>Common Infectious Diseases—</b>										
Small-pox .. ..	...	...	...	...	...	...	...	...	...	...
Chicken-pox .. ..	...	...	...	...	...	...	...	...	...	...
Measles .. ..	...	...	...	...	...	...	...	...	...	...
Scarlet Fever .. ..	...	...	...	...	...	...	...	...	...	...
Whooping Cough .. ..	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup) .. ..	...	...	...	...	...	...	...	...	...	...
Erysipelas .. ..	...	...	...	...	...	...	...	...	...	...
<b>Tuberculous Diseases—</b>										
Tuberculous Meningitis .. ..	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis .. ..	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases .. ..	...	...	...	...	...	...	...	...	...	...
<b>Wasting Diseases—</b>										
Congenital Defects .. ..	...	...	...	...	...	...	...	...	...	...
Premature Birth .. ..	...	...	...	...	...	1	...	...	...	.. 1
Atrophy, Debility, Marasmus .. ..	...	...	...	...	...	2	...	...	...	.. 2
Atelectasis .. ..	...	...	...	...	...	...	...	...	...	...
Injury at Birth .. ..	...	...	...	...	...	...	...	...	...	...
<b>Diarrhoeal Diseases—</b>										
Diarrhoea .. ..	...	...	...	...	...	1	1	...	...	.. 2
Enteritis .. ..	...	...	...	...	...	...	...	...	...	...
<b>Other Causes—</b>										
Syphilis .. ..	...	...	...	...	...	...	...	...	...	...
Rickets .. ..	...	...	...	...	...	...	...	...	...	...
Meningitis ( <i>not Tuberculous</i> ) .. ..	...	...	...	...	...	...	...	...	...	...
Convulsions .. ..	...	...	...	...	...	...	...	...	...	...
Gastritis .. ..	...	...	...	...	...	...	...	...	...	...
Laryngitis .. ..	...	...	...	...	...	...	...	...	...	...
Bronchitis .. ..	...	...	...	...	...	...	1	...	1	.. 2
Pneumonia .. ..	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying .. ..	...	...	...	...	...	...	...	...	...	...
Other Causes .. ..	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	4	2	...	1	.. 7

Births in the Year { Legitimate, 75  
                                  Illegitimate 2

Deaths in the Year { Legitimate, 6  
                                  Illegitimate, 1



Report for the Year 1914, on the Administration of the  
Factory and Workshops Act, 1901, for the Urban District of  
HODDESDON.

### 1.—INSPECTION.

Premises.	Number of		
	Inspections.	Formal Notices.	Prosecutions
<b>Factories</b> including Factory Laundries ...	22	}	...
<b>Workshops</b> including Workshop Laundries	180		...
<b>Workplaces</b> ... ..	...		...
<b>Homeworkers' Premises</b> ... ..	20		...
Total ... ..	202	...	...

## 2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<b>Nuisances under the Public Health Acts:</b>				
Want of cleanliness ... ..	4	4	...	...
Want of ventilation ... ..	...	...	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors ... ..	...	...	...	...
Other nuisances ... ..	...	...	...	...
†Sanitary accommodation { insufficient ... ..	...	...	...	...
{ unsuitable or defective ... ..	...	...	...	...
{ not separate for sexes ... ..	...	...	...	...
<b>Offences under the Factory &amp; Workshop Act</b>				
Illegal occupation of underground bake-house (s. 101) ... ..	...	...	...	...
Breach of special sanitary requirements for bakehouses (ss. 97 to 100) ... ..	...	...	...	...
Other offences ... ..	...	...	...	...
Total ... ..	4	4	...	...

### 3.—HOME WORK.

					Once in the year.	Twice in the year.
<b>Making, &amp;c., Wearing Apparel—</b>						
Lists received from Employers—Lists	...	...	...	...	1	

#### 4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.											Number.
Workshops	...	...	...	...	...	...	...	...	...	...	38
Bakehouses	...	...	...	...	...	...	...	...	...	...	7
Total number of workshops on Register							...	...	...	...	45

## 5.—OTHER MATTER

Class.	Number
Matters notified to H.M. Inspectors of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)...	...
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory Act (s 5)	1
	1

## TABLE OF DEATHS during the Year 1914, in the HODDESDON URBAN DISTRICT.

CAUSE OF DEATH.				DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.									Total Deaths whether of 'Residents' or 'Non-Residents' in Institu- tions in the District.
				All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	
All causes {	Certified	...	...	66	7	..	1	2	4	7	11	34	
	Uncertified	...	...	1	..	..	..	..	..	..	1	..	
Enteric fever	...	...	...	1	..	..	..	..	1	..	..	..	
Small-pox	...	...	...	..	..	..	..	..	..	..	..	..	
Measles	...	...	...	..	..	..	..	..	..	..	..	..	
Scarlet fever	...	...	...	..	..	..	..	..	..	..	..	..	
Whooping-cough	...	...	...	..	..	..	..	..	..	..	..	..	
Diphtheria and membranous croup	...	...	...	2	..	..	1	1	..	..	..	..	
Influenza	...	...	...	1	..	..	..	..	..	..	..	1	
Erysipelas	...	...	...	..	..	..	..	..	..	..	..	..	
Phthisis, (Pulmonary Tuberculosis)	...	...	...	7	..	..	..	..	1	2	2	2	
Tuberculous Meningitis	...	...	...	..	..	..	..	..	..	..	..	..	
Other tuberculous diseases	...	...	...	..	..	..	..	..	..	..	..	..	
Cancer, malignant disease	...	...	...	7	..	..	..	..	..	..	2	5	
Rheumatic Fever	...	...	...	..	..	..	..	..	..	..	..	..	
Meningitis	...	...	...	..	..	..	..	..	..	..	..	..	
Organic Heart Disease	...	...	...	4	..	..	..	..	..	1	1	2	
Bronchitis	...	...	...	7	2	..	..	..	..	..	1	4	
Pneumonia (all forms)	...	...	...	4	..	..	..	..	..	..	1	3	
Other diseases of respiratory organs	...	...	...	2	..	..	..	..	..	..	2	..	
Diarrhoea and Enteritis	...	...	...	2	2	..	..	..	..	..	..	..	
Appendicitis and Typhlitis	...	...	...	1	..	..	..	..	1	..	..	..	
Cirrhosis of liver	...	...	...	..	..	..	..	..	..	..	..	..	
Alcoholism	...	...	...	..	..	..	..	..	..	..	..	..	
Nephritis and Bright's Disease	...	...	...	..	..	..	..	..	..	..	..	..	
Puerperal fever	...	...	...	..	..	..	..	..	..	..	..	..	
Diseases and accidents of parturition	...	...	...	1	..	..	..	..	..	1	..	..	
Premature birth	...	...	...	3	3	..	..	..	..	..	..	..	
Violent Deaths (excluding Suicide)	...	...	...	1	..	..	..	..	..	1	..	..	
Suicides	...	...	...	1	..	..	..	..	..	1	..	..	
Other Defined Diseases	...	...	...	22	..	..	..	1	1	1	2	17	
Diseases ill-defined or unknown	...	...	...	1	..	..	..	..	..	..	1	..	
	...	...	...	..	..	..	..	..	..	..	..	..	
Total	...	...	...	67	7	..	1	2	4	7	12	34	

Poliomyelitis	...	...
---------------	-----	-----



CASES OF INFECTIOUS DISEASE notified during the Year 1914, in the  
HODDESDON URBAN DISTRICT.

[illegible]

## WARE RURAL DISTRICT.

Report of the Medical Officer of Health for 1914.

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GENTLEMEN,

I beg to present my Fourteenth Annual Report on the health of your District.

**Population.**

The Population (estimated) was	....	....	11,640
The Population at the Census of 1911 was			11,464
The Population at the Census of 1891 was			10,392
The Population at the Census of 1901 was			10,891
The Acreage at the Census of 1911	....		33,953
The Number of Inhabited buildings at the Census of 1901 was	...	....	2,279
The Number of Inhabited buildings at the Census of 1911	....	...	2,453
The Average Population per House at the Census of 1901 was	....	....	4.8
The Average Population per House at the Census of 1911 was	....	....	4.67
The factor for Standardization	...	....	.9317

### Vital Statistics.

	Year—1912			1913	1914
Birth Rate ....	18·7	....	18·65	....	17·1
Total Deaths registered in District ....	98	....	87	....	102
Corrections ....	+ 18	....	+ 28	....	+ 21
Net Death Rate ....	10·0	....	9·8	....	10·5
Standardized Death Rate ....	9·31	....	9·13	....	9·78
Zymotic Death Rate	0·26	....	0·43	....	0·17
Diarrhoea Death Rate	0·26	....	0·26	....	0·08
Phthisis Death Rate	0·52	....	0·69	....	0·34
Cancer Death Rate	1·1	....	1·98	....	1·2
Infant Mortality per 1000 Births ....	60·1	....	23·1	....	45·2
Total Deaths over 65 years ....	63	....	59	....	57

The Vital Statistics are not so satisfactory as those of the previous year. There is an unfortunate drop in the Birth Rate which has now reached a very low figure. The Death Rate has gone up but is not excessive. The Death Rate from Zymotic diseases, Consumption and Cancer, all show a decided improvement. The Infant Mortality figure (although double that of 1913) may be considered satisfactory.



**Deaths from Infectious Diseases not necessarily  
notifiable.**

	1910	1911	1912	1913	1914
Measles ...	0	4	0	1	0
Scarlet Fever ...	1	0	0	0	0
Whooping Cough	0	8	0	1	1
Diphtheria ...	0	0	0	0	0
Influenza ...	2	1	1	3	2
Enteric Fever ...	0	0	0	0	0
Diarrhoea ...	2	} 8	3	3	1
Enteritis ...	0				
Erysipelas ...	0	0	0	0	0
Phthisis ...	8	5	6	8	4
Puerperal Fever	0	0	0	0	0

**Notification of Infectious Diseases.**

	1910	1911	1912	1913	1914	Removed to Hospital
Scarlet Fever	42	18	8	35	28	24
Diphtheria ....	3	6	2	9	2	2
Enteric Fever	0	1	1	0	1	1
Erysipelas ....	3	4	3	4	6	0
Puerperal Fever	0	0	0	0	0	0
Pulmonary Tuberculosis			15	13	13	4
Other Forms of Tuberculosis				6	2	1
Poliomyelitis				2	0	0

### **Isolation Hospitals.**

Cases of Scarlet Fever and Diphtheria are isolated as far as possible at the Joint Hospital, Gallows Hill. Enteric Fever patients can be isolated at the Joint Hospital if necessary.

A Hospital for the treatment of Small Pox cases has also been provided by the Joint Hospital Board.

### **Disinfection.**

Infected bedding, etc., is removed to the Hospital, and there Disinfected by Steam. The premises from which an infectious patient has been removed are promptly disinfected by the Sanitary Inspector.

### **Bacteriological Arrangements**

Swabs from doubtful cases of Diphtheria can be sent to the Hospital at Hertford, where they are examined by the Medical Officer of Health.

### **Epidemiology.**

SMALL POX.—No notification of Small Pox was received during the year.

SCARLET FEVER.—Twenty-eight cases of Scarlet Fever were notified during the year as compared with thirty-five in 1913. Of these twenty-four were

removed to the Isolation Hospital, two were nursed in a School Sanatorium, and two at home. The notifications, as will be seen in a Table following, came from various parts of the district. The greater number of cases (eleven) occurred in the parish of Great Amwell. Four of these were of the same family one of whom was found to be peeling. Three (and perhaps four) other cases were probably connected with this family. A small outbreak of four cases occurred at Wormley in June, and another of three cases at Stanstead in November.

DIPHTHERIA.—Only two cases of Diphtheria were notified and were members of the same family. The cause of the disease was not traced.

ENTERIC FEVER.—The only case of Enteric Fever was that of a soldier on leave. The disease was contracted outside the district.

MEASLES.—There were no serious outbreaks of Measles during the year and no fatal cases.

WHOOPING COUGH.—There was one death certified as due to Whooping Cough.

ERYSIPELAS.—Six notifications of this disease were received. They were scattered throughout the district.



INFLUENZA.—Two deaths were attributed to this disease.

DIARRHOEA AND ENTERITIS.—In spite of the hot dry spell in September only two deaths resulted from Diarrhœa. One of these was that of an infant and the other of a person over 65 years of age.

### **Pulmonary Tuberculosis.**

The deaths from Pulmonary Tuberculosis numbered four. This would seem to be below the average. Three deaths occurred from other Tuberculous diseases, two of them being from Tuberculous Meningitis. The notifications of Pulmonary Tuberculosis were again thirteen in number and of other forms of Tuberculosis, two.

### **Cancer.**

The number of deaths from Cancer has dropped from twenty-three to fourteen. The numbers in previous years have been as follows:—In 1913 twenty-three, in 1912 thirteen, in 1911 five, in 1910 only three, in 1909 sixteen, in 1908 six, in 1907 fourteen, in 1906 seven, in both 1905 and 1904 eleven.

### **Public Institutions.**

There are no Public Institutions in this district. The Workhouse is in Ware Urban, the Isolation

Hospital in Hertford Rural, whilst the County Hospital at Hertford receives the other sick and accident cases.

### **Water Supply.**

The water supply for the parishes of Broxbourne and Wormley maintains its satisfactory character. The quantity of water pumped during 1914 was 11,431,000 gallons as compared with 11,701,000 gallons in 1913 and 11,983,000 gallons in 1911. The Water Level Indicator has been working satisfactorily and saves a great deal of time and trouble, as the height of the water in the Reservoir is indicated automatically in the Engine House.

The supplies from the deep wells at High Cross, Wadesmill, Hunsdon and Great Amwell still remain satisfactory. Two tube-wells have been driven to supply dwellings in the neighbourhood of Rye House.

### **Sewage Disposal.**

The treatment of the sewage by broad irrigation on the Broxbourne, Wormley and Stanstead Abbots sewage farms continues to give satisfaction. In spite of the very wet autumn no complaints have been received and every care is taken in the distribution of the sewage so as to prevent overflows into the surrounding ditches.

The sewage from the Great Amwell portion of Hertford Heath is treated in conjunction with that from the L. Amwell portion which is in the Hertford Rural District. The management is under a Joint Board.

### **Drainage.**

The new sewer at Hunsdon has worked very satisfactorily and has very much improved the sanitary condition of the village. The sewers in Broxbourne, Wormley, Stanstead Abbots and Great Amwell are carefully examined from time to time and kept flushed and in good order.

### **Nuisances.**

These have been of the usual type and have been reported by your Sanitary Inspector at each monthly meeting of your Board.

### **Scavenging.**

The collection of house refuse and the contents of the earth closets at Standon and the Standon portion of Puckeridge continues to be a success. Scavenging in that part of the Parish of Great Amwell, the inception of which was mentioned in my last Annual Report, has proved itself as great a boon as it has done in Broxbourne and Wormley.



It is a pity a similar system is not adopted for Stanstead Abbots.

### **Inspection of the District.**

This is very satisfactorily carried out by your Sanitary Inspector who reports on the existence of any nuisances at each monthly meeting of your council. A great deal of the necessary work is done by owners on the receipt of communications from your Inspector without formality.

Factories and Workshops, Cowsheds, Slaughtershouses and Bakehouses all receive frequent inspection.

### **Housing of the Working Classes.**

During 1914 progress has been continued with the house-to-house inspection. Up to the end of the year 969 dwellings had been thus inspected. Owners have been notified of the defects and in a large number of cases formal notices have not been called for. Some 74 cottages have been placed in habitable repair. Overcrowding has been abated in 3 instances. 9 new houses have been built. Since

the outbreak of the war it has been more difficult to get constructive work carried out owing to shortness of labour and a natural wish on the part of the owners to economize as much as possible.

The following are the particulars required to be given by me in my Annual Report :—

Number of houses inspected under Sec. 17 of the Act	....	...	...	219
Number of houses about which representations made to the Local Authority		...		14
Number of houses found unfit		...		14
Number of Closing Orders made		...		0
Number of houses remedied without Closing Orders being made		...	...	14
Number of houses remedied after Closing Orders had been made	....	...		0

The general character of defects found were Dampness, Insufficient ashbin accommodation, defective drains, bad paving.

### **Premises under Supervision.**

DAIRIES, COWSHEDS and MILKSHOPS.—These are regularly inspected, and on the whole were found to be well kept.

BAKEHOUSES.—These, sixteen in number, are regularly inspected. They are maintained in a cleanly condition.

SLAUGHTERHOUSES. — These ten in number, have been inspected regularly. Limewashing is regularly attended to. They are on the whole very well kept.

### **Canal Boats.**

These are periodically boarded by your Inspector. As they are subjected to frequent inspection all down the river, defects are rarely found.

### **Factory & Workshop Act, 1901.**

The Workshops on the register number 127. They are of the usual type met with in agricultural districts. No home work is carried out in this district.



The following are the chief factories and workshops in the district.

Millers	...	4	Harness Makers	2
Dressmakers		15	Bootmakers	... 10
Tailors	....	1	Laundries	.... 4
Plumbers	...	2	Carpenters	.... 9
Blacksmiths	....	14	Wheelwrights	.... 3
Maltings	....	7	Bakers	.... 16
Builders	...	6	Barbsrs	.... 4
Brickmakers		2	Jobmasters	.... 6
Coachbuilders		1	Terra Cotta	... 1
Cycle Works		5	Various	.... 15

Appended will be found the usual statistics and Inspector's Summary, together with a table of Infant Mortality, and also one on work done in connection with Workshops and Factories.

SUMMARY OF WORK done through the SANITARY  
INSPECTOR in the Rural Sanitary district of  
WARE during the year ending  
December 31st, 1914.

	Total Number for Year.	Notes, Results of Inspection, etc
Complaints received.. ..	28	
Nuisances detected without complaint..	124	
Nuisances abated .. ..	116	
Notices served .. ..	46	Not including informal notices
Summonses taken out .. ..		
Convictions .. ..		
Cottages and Dwellings Inspected ..	419	Re-inspected 110
Lodging-houses Inspected .. ..		
Inspections Total (to various premises)	730	
Slaughter-houses Inspected .. ..	11	Inspected regularly
Bakehouses Inspected .. ..	16	" "
Dairies, Milkshops, and Cowsheds		
Inspected .. ..	65	" "
Workshops Inspected .. ..	127	" "
Filthy houses cleansed, sec. 46 " Public	5	
Health Act, 1875 " .. ..	43	
Houses disinfected .. ..	31	Including schools at Stanstead
Overcrowding abated .. ..	3	[Abbotts]
Houses placed in habitable repair ..	74	
Houses closed .. ..		
Houses erected or re-built for which		
Water Certificates were applied ..	9	
Certificates granted .. ..	7	
Wells sunk or supplies improved ..	8	
Wells cleansed and repaired .. ..	7	
Houses connected with sewers .. ..	4	
Houses connected with water mains ..	3	
Earth, pail or improved Privies con-		
structed or existing Privies altered ..	9	
Privies and W.C.'s repaired .. ..	36	
W.C.'s supplied with water .. ..	5	
New W.C.'s built .. ..	10	
Drainage systems repaired and relaid ..	29	
Drains and W.C.'s unchoked .. ..	16	
Defective sinks remedied .. ..	12	
Animals improperly kept removed ..	6	
Samples of water taken for analysis ..	14	
Seizures of Unsound Meat, etc. ..		
Canal boats inspections .. ..	21	
Houses provided with ashbin accommo-		
dation .. ..	39	
Defective paving repaired .. ..	21	
Cases of Dampness attended to .. ..	56	
Miscellaneous .. ..		

Signed : H. J. JACKSON,  
Inspector of Nuisances

TABLE OF POPULATION, BIRTHS and DEATHS in the WARE RURAL DISTRICT.

YEAR.	Popula- tion estimated to middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un- corrected Number	Number.	Rate.§	Number.	Rate.§	of Non- residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
									Number.	Rate per 1000 Births registered.	Number.	Rate.§
1	2	3	4	5	6	7	8	9	10	11	12	13
1903												
1904												
1905												
1906												
1907												
1908												
1909	11260	213			118	10·4			7	32·7	146	12·9
1910	11280	195			91	8·0			13	66·6	106	9·4
1911	11466	210	215	18·7	109	9·5	5	23	20	93·0	127	11·0
1912	11523	215	216	18·7	98	8·5	3	21	13	60·1	116	10·0
1913	11580	212	216	18·6	92	7·9	5	28	5	23·1	115	9·8
1914	11640	194	199	17·1	102	8·7	6	27	9	45·2	123	10·5

\* Rates in Columns 5, 7, and 13 calculated per 1,000 of estimated population.



INFANTILE MORTALITY during the year 1914,  
in the WARE RURAL DISTRICT.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months	6-9 Months.	9-12 Months.	Total deaths under 1 Year.
<b>All Causes—</b>										
Certified .. ..	2	1	2	..	.. 5	1	..	2	..	.. 8
Uncertified .. ..	1	..	..	..	..	..	..	..	..	.. 1
<b>Common Infectious Diseases—</b>										
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..
Chicken-pox .. ..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..
Whooping Cough .. ..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup) .. ..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..
<b>Tuberculous Diseases—</b>										
Tuberculous Meningitis .. ..	..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis .. ..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases .. ..	..	..	..	..	..	..	..	..	..	..
<b>Wasting Diseases—</b>										
Congenital Defects .. ..	1	..	..	..	.. 1	1	..	..	..	.. 2
Premature Birth .. ..	2	1	1	..	.. 4	..	..	..	..	.. 4
Atrophy, Debility, Marasmus .. ..	..	..	1	..	.. 1	..	..	..	..	.. 1
Atelectasis .. ..	..	..	..	..	..	..	..	..	..	..
Injury at Birth .. ..	..	..	..	..	..	..	..	..	..	..
<b>Diarrhœal Diseases—</b>										
Diarrhœa .. ..	..	..	..	..	..	..	..	..	..	..
Enteritis .. ..	..	..	..	..	..	..	..	..	..	..
<b>Other Causes—</b>										
Syphilis .. ..	..	..	..	..	..	..	..	..	..	..
Rickets .. ..	..	..	..	..	..	..	..	..	..	..
Meningitis ( <i>not Tuberculous</i> ) .. ..	..	..	..	..	..	..	..	..	..	..
Convulsions .. ..	..	..	..	..	..	..	..	..	..	..
Gastritis .. ..	..	..	..	..	..	..	..	..	..	..
Laryngitis .. ..	..	..	..	..	..	..	..	..	..	..
Bronchitis .. ..	..	..	..	..	..	..	..	..	..	..
Pneumonia .. ..	..	..	..	..	..	..	..	2	..	.. 2
Suffocation, overlying .. ..	..	..	..	..	..	..	..	..	..	..
Other Causes .. ..	..	..	..	..	..	..	..	..	..	..
	3	1	2	..	.. 6	1	..	2	..	.. 9

Births in the Year { Legitimate, 185  
                                  Illegitimate 14

Deaths in the Year { Legitimate, 8  
                                  Illegitimate, 1



Report for the Year 1914, on the Administration of the  
Factory and Workshops Act, 1901, for the Rural District of  
WARE.

### 1.—INSPECTION.

Premises.	Number of		
	Inspections.	Formal Notices.	Prosecutions
<b>Factories</b> including Factory Laundries ...	...	}	...
<b>Workshops</b> including Workshop Laundries	174		...
<b>Workplaces</b> ... ..	...		...
<b>Homeworkers' Premises</b> ... ..	...		...
Total ... ..	174	...	...

## 2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<b>Nuisances under the Public Health Acts:</b>				
Want of cleauliness ... ..	7	7	...	...
Want of ventilation ... ..	...	...	...	...
Overcrowding ... ..	1	1	...	...
Want of drainage of floors ... ..	2	2	...	...
Other nuisances ... ..	3	3	...	...
†Sanitary accommodation { insufficient ... ..	...	...	...	...
{ unsuitable or defective ... ..	...	...	...	...
{ not separate for sexes ... ..	...	...	...	...
<b>Offences under the Factory &amp; Workshop Act</b>				
Illegal occupation of underground bake-house (s. 101) ... ..	...	...	...	...
Breach of special sanitary requirements for bakehouses (ss. 97 to 100) ... ..	...	...	...	...
Other offences ... ..	...	...	...	...
<b>Total</b> .. ..	<b>13</b>	<b>13</b>	<b>...</b>	<b>...</b>

### 3.—HOME WORK.

	Once in the year.	Twice in the year.
<b>Making, &amp;c., Wearing Apparel—</b>		
Lists received from Employers—Lists ... ..	...	1
" " Outworkers ... ..	...	1
Numbers of Addresses of Outworkers received from other Councils	...	1
Number of Inspections of Outworkers' Premises ... ..	...	6

#### 4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.										Number.
Workshops	...	...	...	...	...	...	...	...	...	111
Bakehouses	...	...	...	...	...	...	...	...	...	16
Total number of workshops on Register										127

## 5.—OTHER MATTER

Class	Number
Matters notified to H.M. Inspectors of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)...	...
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory Act (s 5)	...
Notified by H M. Inspector	...
Reports of action taken sent to H.M. Inspector.	...

TABLE OF DEATHS during the Year 1914, in the  
WARE RURAL DISTRICT.

CAUSE OF DEATH.				DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.									Total Deaths
				All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	whether of 'Residents' or 'Non- Residents' in Institu- tions in the District.
All causes	Certified	...	...	..	..	..	..	..	..	..	..	..	..
	Uncertified	...	...	2	1	..	..	..	..	..	..	1	..
Enteric fever	...	...	...	..	..	..	..	..	..	..	..	..	..
Small-pox	...	...	...	..	..	..	..	..	..	..	..	..	..
Measles	...	...	...	..	..	..	..	..	..	..	..	..	..
Scarlet fever	...	...	..	..	..	..	..	..	..	..	..	..	..
Whooping-cough	...	...	...	1	..	..	1	..	..	..	..	..	..
Diphtheria and membranous croup			..	..	..	..	..	..	..	..	..	..	..
Influenza	...	...	...	2	..	1	..	..	..	1	..	..	..
Erysipelas	...	...	...	..	..	..	..	..	..	..	..	..	..
Phthisis, (Pulmonary Tuberculosis)			4	..	..	..	..	..	..	4	..	..	..
Tuberculous Meningitis	...	...	...	2	..	..	2	..	..	..	..	..	..
Other tuberculous diseases	...		...	1	..	..	..	1	..	..	..	..	..
Cancer, malignant disease	...		...	14	..	..	..	..	..	1	7	6	..
Rheumatic Fever	...	...	...	..	..	..	..	..	..	..	..	..	..
Meningitis	...	...	...	2	..	..	..	1	..	..	1	..	..
Organic Heart Disease	...	...	...	18	..	..	..	..	..	..	5	13	..
Bronchitis	...	...	...	11	..	..	..	..	..	..	..	11	..
Pneumonia (all forms)	...	...	...	8	2	2	..	..	..	2	..	2	..
Other diseases of respiratory organs			1	1	..	..	..	..	..	..	1	..	..
Diarrhœa and Enteritis	...	...	...	1	..	..	..	..	..	..	..	1	..
Appendicitis and Typhlitis	...		...	1	..	..	..	..	..	..	1	..	..
Cirrhosis of liver	...	...	...	..	..	..	..	..	..	..	..	..	..
Alcoholism	...	...	...	..	..	..	..	..	..	..	..	..	..
Nephritis and Bright's Disease	...		...	8	..	..	..	1	..	..	3	4	..
Puerperal fever	...	...	...	..	..	..	..	..	..	..	..	..	..
Diseases and accidents of parturition			1	1	..	..	..	..	..	1	..	..	..
Premature birth	...	...	...	7	7	..	..	..	..	..	..	..	..
Violent Deaths (excluding Suicide)			5	5	..	1	..	..	1	..	2	1	..
Suicides	...	...	...	1	..	..	..	..	..	1	..	..	..
Other Defined Diseases	...	...	...	35	..	1	..	2	1	4	8	19	..
Diseases ill-defined or unknown	...		..	..	..	..	..	..	..	..	..	..	..
			..	..	..	..	..	..	..	..	..	..	..
Total	...		123	9	5	3	5	2	14	28	57		

## Poliomyelitis



# CASES OF INFECTIOUS DISEASE notified during the Year 1914, in the WARE RURAL DISTRICT.

NOTIFIABLE DISEASES.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.														Total cases removed to Hospital.		
	At all ages.	At Ages—Years.						Widford	St. Margarets	Puckeridge	Gt. Amwell	Stanstead Abbotts	Wormley	High Cross	Thunderidge	Standon	Colliers End	Ware Rural	Wareside	Gilston				
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.																	65 and upwards.
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria & Membranous Croup	2	1	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2
Erysipelas	6	...	...	...	...	6	...	...	...	...	...	...	4	...	1	...	1	...	...	...	...	...	...	...
Scarlet Fever	28	...	2	19	3	...	...	3	4	...	11	4	4	...	3	...	...	...	...	...	...	...	...	24
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Puerperal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neonatorum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pulmonary Tuberculosis	13	...	...	1	11	1	...	...	...	...	3	3	1	2	...	2	...	...	...	1	...	...	...	4
Other forms of Tuberculosis	2	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1
Totals	52	4	21	5	15	7	...	4	2	2	16	7	6	7	1	2	1	1	2	1	...	...	...	32

## HERTFORD RURAL DISTRICT.

Report of the Medical Officer of Health for 1914.

---

GENTLEMEN,

I beg to present my Fourteenth Annual Report on the health of your District.

### Population.

The Population (estimated) was	....	....	7,640
The Population at the Census of 1911 was			7,659
The Population at the Census of 1891 was			8,170
The Population at the Census of 1901 was			7,715
The Acreage at the Census of 1911	....		33,835
The Number of Inhabited buildings at the Census of 1901 was	...	....	1,658
The Number of Inhabited buildings at the Census of 1911	....	...	1,739
The Average Population per House at the Census of 1901 was	....	....	4.57
The Average Population per House at the Census of 1911 was	....	...	4.4
The factor for Standardization	...	....	.8637



### Vital Statistics.

	Year—1912			1913	1914
Birth Rate ....	18·5	....	18·9	....	20·4
Total Deaths registered in District ....	82	....	102	....	97
Corrections ....	-3	....	-9	....	-14
Net Death Rate ....	10·3	....	12·1	....	10·8
Standardized Death Rate ....	8·89	....	10·4	....	9·3
Zymotic Death Rate ·	·52	....	·78	...	1·17
Diarrhœa Death Rate ·	·13	....	·39	....	0·13
Phthisis Death Rate ·	·65	....	·65	....	0·65
Cancer Death Rate	1·5	....	1·5	....	0·9
Infant Mortality per 1000 Births ....	77·4	....	75·8	....	77·0
Total Deaths over 65 years ....	38	....	33	....	30

On the whole the Vital Statistics may be considered satisfactory. The Birth Rate has improved somewhat over that of the previous two years. The Death Rate is lower. On the other hand the Zymotic Death Rate is unusually high. The Diarrhœa Death Rate is satisfactory. The Death Rate from Consumption has stood at the same figure for three years. The Cancer Death Rate which had been practically the same (and somewhat high)

in the three previous years has now fallen a little. The Infant Mortality figure remains about the same.

As in previous Reports, below is submitted the Births and Deaths occurring in the two sub-districts of Hertford and Watton. These together comprise the whole district. Deaths of persons dying in Public Institutions are not included.

	Births 1910	Births 1911	Births 1912	Births 1913	Births 1914
Hertford (sub-dist.)	77	91	73	86	80
Watton (sub-dist.)	81	82	68	61	77

	Deaths 1910	Deaths 1911	Deaths 1912	Deaths 1913	Deaths 1914
Hertford ...	33	49	30	37	47
Watton ....	42	36	41	45	28

### Notification of Infectious Diseases.

	1910	1911	1912	1913	1914	Removed to Hospital
Scarlet Fever	16	4	15	25	104	101
Diphtheria ....	3	0	23	7	4	4
Enteric Fever	0	0	0	3	1	1
Erysipelas ....	1	3	0	1	1	0
Puerperal Fever	0	0	0	0	0	0
Pulmonary Tuberculosis			13	15	12	2
Other Forms of Tuberculosis				7	2	1
Poliomyelitis				0	0	0

**Deaths from Infectious Diseases not necessarily  
notifiable.**

		1910	1911	1912	1913	1914
Measles	...	1	0	1	3	3
Scarlet Fever	...	0	0	0	0	2
Whooping Cough		2	0	0	0	3
Diphtheria	...	0	0	2	0	0
Influenza	...	2	0	2	3	4
Enteric Fever	...	0	0	0	0	0
Diarrhœa	...	2	} 4	1	3	1
Enteritis	...	1				
Erysipelas	...	0	0	0	0	0
Phthisis	...	3	1	5	5	5
Puerperal Fever		0	0	0	0	0

**Isolation Hospitals.**

Cases of Scarlet Fever and Diphtheria are isolated as far as possible at the Joint Hospital, Gallows Hill. Enteric Fever patients can be isolated at the Joint Hospital if necessary.

A Hospital for the treatment of Small Pox cases has also been provided by the Joint Hospital Board.

In 1904 the accommodation was increased by the addition of twenty beds. Twelve of these were for the special need of the Combined Districts,



whilst the remaining eight were for the use of Hatfield Rural. Besides these, additional rooms were provided for the staff, and a good cellar was also added.

There are now twelve beds for Diphtheria patients (two beds being provided by the addition of separate rooms, one for each sex, built out from the main ward; in these a tracheotomy patient can be nursed). There is a convalescent Scarlet Fever ward of two stories which will accommodate ten patients (six of one sex and four of the other). The upper part will be used as sleeping rooms and the lower as day rooms. By lengthening one of the wards, four additional beds have been added to the Scarlet Fever block, making a total of fourteen. The other four new beds are in a separate block, and can be used as Observation wards; the old Observation ward of six beds remains as before. The total number of beds, therefore, is now forty-six, including those for Hatfield. The rest of the Hospital consists of an Administrative Block, Laundry, Mortuary, Porter's Lodge, Discharging Room and Disinfecting Chamber, fitted up with Reck's Steam Disinfectors.

The new deep tube well, sunk for the supply of water to the Small-pox Hospital, has proved very successful; a windmill supplies the motive power to

the pump. There has been a plentiful supply of good water. Both these Hospitals are for the Urban Districts of Hertford, Ware and Hoddesdon, and the Rural Districts of Ware and Hertford. The Medical Officer of Health has recently resigned the post of Medical Superintendent. There is a separate Medical Attendant.

### **Disinfection.**

Infected bedding, etc., is removed to the Hospital, and there Disinfected by Steam. The premises from which an infectious patient has been removed are promptly disinfected by the Sanitary Inspector.

### **Bacteriological Arrangements**

Arrangements have been made with an Institution for the examination of swabs from doubtful cases of Diphtheria.

### **Epidemiology.**

SMALL POX.—No notification of Small Pox was received during the year.

SCARLET FEVER.—No less than 104 notifications of Scarlet Fever were received. The disease was prevalent mainly in three villages, viz :— Datch-

worth, Tewin and Hertford Heath. No less than 96 of the cases occurred in these three. The disease, which was nearly always of the very mild type, seemed to defy control. Every effort was made by isolation in Hospital, disinfection and school closure to combat it. Frequently marked success attended these efforts for a time and just when it seemed that the disease had ceased, out it would break again. The cases at Datchworth were apparently a continuation of the outbreak mentioned in my last Report. They occurred as follows:— 6 in January, 3 in February (members of the same family), 3 in March, 2 in April, 6 in May, 1 in June, 1 in July, 1 in September, 4 in October and 2 in December. At Hertford Heath 4 notifications were received in February, 3 in March, 2 in May, 2 in August (members of the same family), then in September eight notifications were received in three days, and 10 more before the end of the month. A “peeling” case was found which it was thought might account for the whole outbreak. However another case occurred towards the end of November and 2 more towards the end of December. With regard to Tewin the first case was that of a school teacher in January, then in June the outbreak began when 10 notifications were received, in July there were two, three cases occurred in September and then I discovered a family of five all peeling. These seemed to have been “return” cases. No doctor



had been called in and no steps taken by the mother to ascertain the nature of the illness. Five more cases occurred later in the month, three being members of the same family, one of whom was peeling. Three cases followed in October, 4 (members of the same family) in November, and two in December. These last were members of the same family and probably "return" cases. In connection with the Tewin cases it is of interest that an outbreak of Scarlet Fever occurred in one of the London suburbs which was thought to be due to milk. This was in July. Inspectors from the Local Government Board visited Tewin district and in conjunction with myself and your Sanitary Inspector made a thorough investigation into the matter. Though there seemed grounds for some suspicion, sufficient evidence to connect a particular dairy with the disease was not forthcoming. So far as the particular patients in Tewin district were concerned a majority did not obtain their milk from this source. Of the remaining 8 cases, 6 were from Bayford, 1 from Brickendon and 1 from Walkern.

ENTERIC FEVER.—The one case notified as Enteric Fever was almost certainly a case of acute Tuberculosis.

ERYSIPELAS.—Only one case of this disease was notified.

MEASLES.—An epidemic of Measles broke out at Bennington which necessitated the closing of the Schools. The disease was introduced from a neighbouring village. Throughout the district there were 3 deaths from this disease.

WHOOPIING COUGH—There were three deaths from Whooping Cough all in Infants under 1 year of age.

INFLUENZA.—Four deaths were attributed to this cause.

DIARRHOEA AND ENTERITIS.—There was only one death, that of an Infant, from Diarrhoea.

### **Pulmonary Tuberculosis.**

Twelve cases of Pulmonary Tuberculosis were notified as compared with fifteen in the previous year. The number of deaths was, for the third year in succession, five.

### **Cancer.**

The deaths from Cancer numbered seven. In previous years they have been as follows :— in 1913 and 1912 twelve, in 1911 eleven, in 1910 eight, in 1909 six, in 1908 twelve, in 1907 five, in 1906 eleven, in 1905 seven, in 1904 nine, and two each in 1903 and

1902. It will thus be seen that the numbers vary considerably year by year.

### **Water Supply.**

Arrangements have been made to obtain a good piped supply of water for the parishes of Datchworth and Tewin from the High Welwyn Waterworks. The work is well in hand and would probably have been finished but for the war. It is possible (and much to be recommended) that the parish of Bramfield will also get a supply from the same source.

Every house at Hertford Heath, Little Amwell, is now supplied with water by the Metropolitan Water Board.

The village of Bayford, which has had a piped supply for some years, has decided to double the capacity of their storage by adding a new reservoir of 10,000 gallons capacity.

### **Area of the District.**

By an Order which came into force on April 1st, 1911, that part of the parish of Datchworth which abutted on Knebworth Station was transferred to the Hitchin Rural District. This was the part of the District in which nearly all the new building was taking place.



### **Sewage Disposal.**

Part of the Watton sewage is treated on a piece of land by broad irrigation.

The sewage at Walkern is also treated by broad irrigation on land planted with willow trees. This farm, which is about one mile south of the village, continues to work satisfactorily.

The sewage farm at Hertford Heath has been maintained in a satisfactory manner. In this case open Bacterial tanks and filters are used prior to the sewage being discharged on to the land. The whole of the sewage is now being treated on the newly acquired three acres of land which has been laid out on the ridge and furrow system and planted with willows. The farm is now under the management of a Joint Board consisting of members from both the Hertford and Ware Rural District Councils.

### **Drainage.**

The owner of some new cottages on the boundary of the Hertford Borough has made a private arrangement to connect more of his houses with the Corporation sewers.

### **The New Railway.**

A new railway, a loop of the Great Northern, is at present under construction in the district. The parishes through which it passes are Datchworth, Watton, Stapleford, Waterford, Brickendon and Bayford. Temporary huts for some of the workmen have been erected, whilst others obtain lodgings in the various parishes or in the neighbouring towns of Hertford and Ware. This will probably cause a certain amount of temporary overcrowding. So far I have not been notified of any infectious illness amongst the navvies.

### **Inspection of the District.**

This is very satisfactorily carried out by your Sanitary Inspector who reports on the existence of any nuisances at each monthly meeting of your Board. The house-to-house survey has now been completed.

### **Nuisances.**

The only matter of importance under this heading dealt with during the year has been the provision of flushing cisterns to all the old water closets at Hertford Heath which were not so provided before.

### Housing of the Working Classes.

During the year ten houses have been closed and demolished voluntarily, whilst thirty-seven have been put into habitable repair. Thirty-six new houses have been built. The systematic inspection continues to be carried out and the necessary record kept by your inspector. He has succeeded in getting practically all the defects remedied without coming to your Council for formal notices. Nothing has been done with regard to the four cottages at Walkern in two of which the Closing Order made by your council was confirmed (on appeal) by the Local Government Board. The question of demolition has been brought up. It would appear that a certain number of new cottages, more particularly those with three bedrooms, are required in most parishes in the District.

The following are the particulars required to be given by me under the Housing and Town Planning Act :—

Number of houses inspected under Sec. 17 of the Act	....	...	...	259
Number of houses about which representations made to the Local Authority		...		3



Number of houses found unfit	...	3
Number of Closing Orders made	...	0
Number of houses remedied without Closing Orders being made	... ..	37
Number of houses remedied after Closing Orders had been made	.... ...	0

The general character of defects found were dampness, leaky roofs and general delapidations.

### **Premises under Supervision.**

DAIRIES, COWSHEDS and MILKSHOPS.—These are regularly inspected, and on the whole were found to be well kept. No formal notices have had to be served.

BAKEHOUSES.—These, ten in number, are regularly inspected. They are maintained in a cleanly condition.

SLAUGHTERHOUSES. — These, three in number, have been inspected regularly, often whilst slaughtering is in progress. They are on the whole very well kept.

COMMON LODGING HOUSES.—There are no registered Lodging Houses in the District.

### Factory & Workshop Act, 1901.

The Workshops on the register number 60, and the Factories 9. They are of the usual type met with in agricultural districts. No home work is carried out in this district. No complaints were received from H.M. Inspector of Factories

The following are the chief factories and workshops in the district.

Tailors	....	4	Laundries	....	14
Brickmakers		3	Bootmakers	...	3
Bakers	....	10	Blacksmiths and		
Builders	...	5	Wheelwrights	....	19
Harness Makers		3			

Appended will be found the usual statistics and Inspector's Summary, together with a table of Infant Mortality, and also one on work done in connection with Workshops and Factories.



SUMMARY OF WORK done through the SANITARY  
INSPECTOR in the Rural Sanitary district of  
HERTFORD during the year ending  
December 31st, 1914.

	Total Number for Year.	Notes, Results of Inspection, etc
Complaints received.. .. .	6	
Nuisances detected without complaint..	8	
Nuisances abated .. .. .	14	
Notices served .. .. .	6	
Summonses taken out .. .. .		
Convictions .. .. .		
Cottages and Dwellings Inspected ..	259	
Lodging-houses Inspected .. .. .		
Inspections Total (to various premises)	572	
Slaughter-houses Inspected .. .. .	3	Every month
Bakehouses Inspected .. .. .	10	Twice yearly
Dairies, Milkshops, and Cowsheds		
Inspected .. .. .	55	" "
Workshops Inspected .. .. .	60	
Filthy houses cleansed, sec. 46 " Public Health Act, 1875 " .. .. .	2	
Houses disinfected .. .. .	39	
Overcrowding abated .. .. .		
Houses placed in habitable repair ..	37	
Houses closed .. .. .	10	
Houses erected or re-built for which Water Certificates were applied ..	36	
Certificates granted .. .. .	31	
Wells sunk or supplies improved ..		
Wells cleansed and repaired .. .. .		
Houses connected with sewers .. .. .		
Houses connected with water mains ..		
Earth, pail or improved Privies con- structed or existing Privies altered ..	15	
Privies and W.C.'s repaired .. .. .		
W.C.'s supplied with water .. .. .		
New W.C.'s built .. .. .		
Drainage systems repaired and relaid ..	6	
Drains and W.C.'s unchoked .. .. .	8	
Defective sinks remedied .. .. .		
Animals improperly kept removed ..	3	
Samples of water taken for analysis ..		
Seizures of Unsound Meat, etc. .. ..		
Canal boats inspections .. .. .		
Houses provided with ashbin accommo- dation .. .. .		
Defective paving repaired .. .. .	12	
Cases of Dampness attended to .. ..		
Miscellaneous .. .. .		

Signed: J. W. RIGGS,  
Inspector of Nuisances



TABLE OF POPULATION, BIRTHS and DEATHS in the HERTFORD RURAL DISTRICT.

YEAR	Popula- tion estimated to middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un- corrected Number	Number.	Rate.§	Number.	Rate.§	of Non- residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
									Number.	Rate per 1000 Births registered.	Number.	Rate.§
1	2	3	4	5	6	7	8	9	10	11	12	13
1903												
1904												
1905												
1906												
1907												
1908												
1909	7450	139			112	15.0			10	72.0	99	13.2
1910	7440	158			96	12.9			9	57.0	87	11.7
1911	7660	173	174	22.7	106	13.8	21	6	15	86.2	91	11.8
1912	7655	141	142	18.5	82	10.7	11	8	11	77.4	79	10.3
1913	7650	147	145	18.9	102	13.3	20	11	11	75.8	93	12.1
1914	7640	157	156	20.4	97	12.6	22	8	12	77.0	83	10.8

\* Rates in Columns 5, 7, and 13 calculated per 1,000 of estimated population.

# INFANTILE MORTALITY during the year 1914, in the HERTFORD RURAL DISTRICT.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total deaths under 1 Year.
<b>All Causes—</b>										
Certified .. ..	7	1	..	..	.. 8	2	2	..	..	..12
Uncertified .. ..	..	..	..	..	..	..	..	..	..	..
<b>Common Infectious Diseases—</b>										
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..
Chicken-pox .. ..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..
Whooping Cough .. ..	..	..	..	..	..	1	2	..	..	.. 3
Diphtheria (including Membranous Croup) .. ..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..
<b>Tuberculous Diseases—</b>										
Tuberculous Meningitis .. ..	..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis .. ..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases .. ..	..	..	..	..	..	..	..	..	..	..
<b>Wasting Diseases—</b>										
Congenital Defects .. ..	1	..	..	..	.. 1	..	..	..	..	.. 1
Premature Birth .. ..	5	1	..	..	.. 6	..	..	..	..	.. 6
Atrophy, Debility, Marasmus .. ..	..	..	..	..	..	..	..	..	..	..
Atelectasis .. ..	..	..	..	..	..	..	..	..	..	..
Injury at Birth .. ..	..	..	..	..	..	..	..	..	..	..
<b>Diarrhoeal Diseases—</b>										
Diarrhoea .. ..	..	..	..	..	..	1	..	..	..	.. 1
Enteritis .. ..	..	..	..	..	..	..	..	..	..	..
<b>Other Causes—</b>										
Syphilis .. ..	..	..	..	..	..	..	..	..	..	..
Rickets .. ..	..	..	..	..	..	..	..	..	..	..
Meningitis ( <i>not Tuberculous</i> ) .. ..	..	..	..	..	..	..	..	..	..	..
Convulsions .. ..	1	..	..	..	.. 1	..	..	..	..	.. 1
Gastritis .. ..	..	..	..	..	..	..	..	..	..	..
Laryngitis .. ..	..	..	..	..	..	..	..	..	..	..
Bronchitis .. ..	..	..	..	..	..	..	..	..	..	..
Pneumonia .. ..	..	..	..	..	..	..	..	..	..	..
Suffocation, overlying .. ..	..	..	..	..	..	..	..	..	..	..
Other Causes .. ..	..	..	..	..	..	..	..	..	..	..
	7	1	..	..	.. 8	2	2	..	..	..12

Births in the Year { Legitimate, 149  
Illegitimate 7

Deaths in the Year { Legitimate, 12  
Illegitimate, 0

# Report for the Year 1914, on the Administration of the Factory and Workshops Act, 1901, for the Rural District of HERTFORD.

## 1.—INSPECTION.

Premises.	Number of		
	Inspections.	Formal Notices.	Prosecutions
<b>Factories</b> including Factory Laundries ...	9	...	...
<b>Workshops</b> including Workshop Laundries ...	62	...	...
<b>Workplaces</b> ...	...	...	...
<b>Homeworkers' Premises</b> ...	...	...	...
Total ...	71	...	...

## 2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<b>Nuisances under the Public Health Acts:</b>				
Want of cleanliness ...	2	2	...	...
Want of ventilation ...	...	...	...	...
Overcrowding ...	...	...	...	...
Want of drainage of floors ...	...	...	...	...
Other nuisances ...	...	...	...	...
† Sanitary accommodation { insufficient ...	...	...	...	...
{ unsuitable or defective ...	...	...	...	...
{ not separate for sexes ...	...	...	...	...
<b>Offences under the Factory &amp; Workshop Act</b>				
Illegal occupation of underground bakehouse (s. 101) ...	...	...	...	...
Breach of special sanitary requirements for bakehouses (ss. 97 to 100) ...	...	...	...	...
Other offences ...	...	...	...	...
Total ...	2	2	...	...

## 3.—HOME WORK.

				Once in the year.	Twice in the year.
<b>Making, &amp;c., Wearing Apparel—</b>					
Lists received from Employers—Lists ...	...	...	...	...	1
Outworkers ...	...	...	...	...	1
Numbers of Addresses of Outworkers received from other Councils ...	...	...	...	...	1
Number of Inspections of Outworkers' Premises ...	...	...	...	...	6

## 4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.										Number.
Workshops ...	...	...	...	...	...	...	...	...	...	51
Bakehouses ...	...	...	...	...	...	...	...	...	...	10
Total number of workshops on Register ...										61

## 5.—OTHER MATTER

Class	Number
Matters notified to H.M. Inspectors of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)...	...
Action taken in matters referred { Notified by H.M. Inspector ...	...
by H.M. Inspector as remedi- {	
able under the Public Health {	
Acts, but not under the Fa- { Reports of action taken sent to	...
tory Act (s 5) { H.M. Inspector.	...



## TABLE OF DEATHS during the Year 1914, in the HERTFORD RURAL DISTRICT.

CAUSE OF DEATH.	DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.									Total Deaths
	All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	whether of 'Residents' or 'Non-Residents' in Institutions in the District.
All causes { Certified ... .. Uncertified ... ..	.. 2	.. ...	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. 2	
Enteric fever ... ..	..	..	..	..	..	..	..	..	..	
Small-pox ... ..	..	..	..	..	..	..	..	..	..	
Measles ... ..	3	..	..	1	1	..	1	..	..	
Scarlet fever ... ..	2	..	..	1	..	1	..	..	..	3
Whooping-cough ... ..	3	3	..	..	..	..	..	..	..	
Diphtheria and membranous croup	..	..	..	..	..	..	..	..	..	3
Influenza ... ..	4	..	..	1	..	..	..	2	1	
Erysipelas ... ..	..	..	..	..	..	..	..	..	..	
Phthisis, (Pulmonary Tuberculosis)	5	..	..	..	..	1	1	3	..	2
Tuberculous Meningitis ... ..	..	..	..	..	..	..	..	..	..	
Other tuberculous diseases	1	..	..	..	..	..	..	..	1	1
Cancer, malignant disease	7	..	..	..	..	..	2	3	2	6
Rheumatic Fever ... ..	..	..	..	..	..	..	..	..	..	
Meningitis ... ..	1	..	..	1	..	..	..	..	..	
Organic Heart Disease ... ..	4	..	..	..	..	..	1	..	3	1
Bronchitis ... ..	3	..	..	..	..	..	..	..	3	2
Pneumonia (all forms) ... ..	3	..	1	..	..	..	1	1	..	1
Other diseases of respiratory organs	1	..	..	..	..	..	..	..	1	
Diarrhœa and Enteritis ... ..	1	1	..	..	..	..	..	..	..	
Appendicitis and Typhlitis	2	..	..	..	..	..	2	..	..	
Cirrhosis of liver ... ..	..	..	..	..	..	..	..	..	..	1
Alcoholism ... ..	..	..	..	..	..	..	..	..	..	
Nephritis and Bright's Disease	2	..	..	..	..	..	..	2	..	2
Puerperal fever ... ..	..	..	..	..	..	..	..	..	..	
Diseases and accidents of parturition	..	..	..	..	..	..	..	..	..	
Premature birth ... ..	7	7	..	..	..	..	..	..	..	
Violent Deaths (excluding Suicide)	1	..	..	..	..	..	1	..	..	
Suicides ... ..	..	..	..	..	..	..	..	..	..	
Other Defined Diseases ... ..	33	1	1	..	1	2	2	7	19	8
Diseases ill-defined or unknown	..	..	..	..	..	..	..	..	..	
	..	..	..	..	..	..	..	..	..	
Total ... ..	83	12	2	4	2	4	11	18	30	30

Poliomyelitis ... ..



# CASES OF INFECTIOUS DISEASE notified during the Year 1914, in the HERTFORD RURAL DISTRICT.

NOTIFIABLE DISEASES.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.													Total cases removed to Hospital.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	At Ages—Years.							Waterford	Bramfield	Aston	Watton	Sacombe	Lt. Amwell	Datchworth	Tewin	Bengeo Rural	Walkern	Brickendon	Bayford	Hertlingfordbury																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...</

## BUNTINGFORD RURAL DISTRICT.

Report of the Medical Officer of Health for 1914.

---

GENTLEMEN,

I beg to present my Fourteenth Annual Report on the health of your District.

**Population.**

The Population (estimated) was	....	....	5,020
The Population at the Census of 1911 was			5,019
The Population at the Census of 1891 was			5,660
The Population at the Census of 1901 was			5,020
The Acreage at the Census of 1911	....		28,470
The Number of Inhabited buildings at the Census of 1901 was	...	....	1,204
The Number of Inhabited buildings at the Census of 1911	....	...	1,215
The Average Population per House at the Census of 1901 was	....	....	4'17
The Average Population per House at the Census of 1911 was	....	...	4'13
The factor for Standardization	...	....	·7709

**Vital Statistics.**

	Year—1912			1913	1914
Birth Rate ....	20·1	....	23·5	....	18·1
Total Deaths registered in District ....	52	....	75	....	50
Corrections ....	+ 5	....	+ 4	....	+ 4
Net Death Rate ....	11·3	....	15·7	....	10·7
Standardized Death Rate ....	8·71	....	12·1	....	8·24
Zymotic Death Rate	nil	....	0·19....		0·19
Diarrhœa Death Rate	nil	....	0·19....		nil
Phthisis Death Rate	0·19	....	1·59....		0·99
Cancer Death Rate	1·3	....	1·1	....	0·19
Infant Mortality per 1000 Births ....	19·8	....	76·2	....	44·0
Total Deaths over 65 years ....	34	....	42	....	30

The Vital Statistics this year are somewhat peculiar. They help to bring out the point, often insisted upon, that statistics based upon figures dealing with small communities are very unreliable unless taken over a long period of time. The Birth Rate has, it will be noticed, dropped very largely. So too has the Death Rate. For the last two years the Consumption Death Rate has been unusually high, but in 1912 it was extraordinarily low. The most remarkable, however, is the Death Rate from Cancer, which this year is only about one sixth what



it usually has been. The Infant Mortality also shows great variation year by year. This year's figure is all the more satisfactory as with such a low Birth Rate it is very essential the infantile deaths should be as few as possible.

**Deaths from Infectious Diseases not necessarily notifiable.**

	1910	1911	1912	1913	1914
Measles ...	2	0	0	0	0
Scarlet Fever ...	0	0	0	0	0
Whooping Cough	3	0	0	0	0
Diphtheria ...	0	0	0	0	1
Influenza ...	2	0	1	2	0
Enteric Fever ...	0	0	0	0	0
Diarrhœa ...	1	} 7	0	1	0
Enteritis ...	0				
Erysipelas ...	0	0	0	0	0
Phthisis ...	3	4	1	8	5
Puerperal Fever	0	0	0	0	0

**Notification of Infectious Diseases.**

	1910	1911	1912	1913	1914	Removed to Hospital
Scarlet Fever	6	7	1	20	17	17
Diphtheria ....	0	0	0	1	8	8
Enteric Fever	0	0	0	0	0	0
Erysipelas ....	2	1	2	2	0	0
Puerperal Fever	0	2	0	0	0	0
Pulmonary Tuberculosis			5	13	4	0
Other Forms of Tuberculosis				1	2	2
Poliomyelitis				0	0	0

### **Isolation Hospitals.**

The Isolation Hospital for the whole District is situated on high ground in the parish of Aspenden. It is an iron structure, match-boarded internally. It used to consist of an administrative block in which the Caretaker and his wife reside, and a block divided into two separate wards for male and female patients. The new additional Block has been found to be most useful this year. It has been possible to nurse two different diseases which occurred at the same time, and it will allow of the patients being nursed without undue overcrowding which is a most fruitful source of "return" cases. There is a separate Nurses' room in connection with the original block.

### **Disinfection.**

Infected bedding, etc., is removed to the Hospital, and there Disinfected by Steam. The premises from which an infectious patient has been removed are promptly disinfected by the Sanitary Inspector.

A small portable steam disinfector (Thresh) has lately been provided for the district. It is usually kept at the Hospital.

### **Bacteriological Arrangements**

Swabs from doubtful cases of Diphtheria will be sent to an Institution for bacteriological examination.

A stock of Diphtheria antitoxin is kept at the Inspector's Office for use in emergency by any of the local medical practitioners. It is frequently renewed so that a fresh stock is always in hand. It has proved very useful this year.

### **Epidemiology.**

SMALL POX.—No notification of Small Pox was received during the year.

SCARLET FEVER.—Seventeen cases of Scarlet Fever were notified as compared with twenty in 1913, one only in 1912, seven in 1911 and six in 1910. Eight of the sixteen patients resided in Buntingford. The cases occurred throughout the year. Two were notified in February, one in March, one in April (these two were members of the same family), one in May, one in July, one in September (these were two sisters) and the last in December. The other nine cases occurred at Buckland in November. They were probably due to a 'missed' case attending the school. The school had to be closed. It was suggested that the offering of prizes for good attendance might have stimulated children to go to school in an unfit state. A representation was made to the Herts County Council on the subject.



DIPHTHERIA.—There were eight notifications of this disease. Four of the patients were members of the same family residing at L. Hormead. The other four lived at Buntingford. In one of the latter cases the disease proved fatal.

ENTERIC FEVER.—The district continued to remain free from this disease.

ERYSIPELAS.—No notifications were received.

MEASLES.—There were no deaths from Measles. There were none in 1913, 1912 or 1911, but two in 1910.

WHOOPING COUGH.—There were no fatal cases of Whooping Cough throughout the district.

INFLUENZA.—There were no deaths certified as due to Influenza.

DIARRHOEA AND ENTERITIS.—There was no death from Diarrhoea.

### **Pulmonary Tuberculosis.**

There were five deaths from Pulmonary Tuberculosis as compared with eight in 1913 and one in 1912. Four would appear to be about the average number. Notifications of four cases of Pulmonary, and of two cases of other forms of Tuberculosis were received. Both the latter were treated in hospitals.

### **Cancer.**

Only one death occurred from Cancer. In 1913 they numbered six, in 1912 seven, in 1911 the high total of sixteen was reached, in 1910 they were ten, in 1909 and 1908 five each.

### **Public Institutions.**

Both the Union Workhouse and the Isolation Hospital are situated within the district. There is no General Hospital.

### **Water Supply.**

The town of Buntingford is supplied by water from a deep well sunk into the chalk and situated on high ground about half-a-mile to the West of the town. It is distributed to the houses by gravitation. The water though somewhat hard is good in quality and ample in quantity. The works, which are the property of the Council, are well kept and the supply is efficiently maintained. During the year 5,460,000 gallons of water were pumped, and 12 additional houses were connected to the mains, making a total of 266 since the works were completed.

The Public Water supply at L. Hormead, obtained from a deep draw-well was found to be polluted; the well was promptly cleaned out and a water elevator provided. At Wallington a water

main has now been laid from the reservoir, which is situated on the hill adjoining the village, and a supply is provided by means of a stand pipe placed in the centre of the village.

### **Sewage Disposal.**

There is only one Sewage Disposal Works in the district and this is at Buntingford. The sewage is carried by gravitation to the Sewage Farm which is situated to the south of the town where it is treated by broad irrigation.

### **Scavenging.**

All house refuse is collected weekly from the houses in Buntingford and is deposited in a disused pit. This scavenging is much appreciated and has proved of great benefit to the town.

### **Inspection of the District.**

This is very satisfactorily carried out by your Sanitary Inspector who reports on the existence of any nuisances at each fortnightly meeting of your Council.

### **Housing of the Working Classes.**

The work under the Housing and Town Planning Act is being carried on and the necessary record



is being kept up. It seems to me a great pity that more new cottages are not erected in the neighbourhood by private enterprise. There can be no doubt that more and better cottages are needed in several of the parishes. It is impossible to close many of the worst owing to the fact that there are no others available. I am glad to report that this matter is receiving the attention of the District Council who have appointed a Committee to visit various parishes and report on this question. I would strongly urge your Council to take into consideration the erection of new cottages. It does not appear that private enterprise is at all likely to meet the requirements. Only seven new cottages were erected during the year throughout the district, whilst three were closed. I notice in the census returns that during the years 1901-1911 there was only an increase of eleven *Inhabitated Buildings* (not cottages or even houses), in the Rural District. Overcrowding was abated in two cases.

The outbreak of the war has necessarily postponed the carrying out of any building schemes for the time, but I trust it will be re-considered at the earliest possible date.

The following are the particulars required to be given by me under the Housing and Town Planning Act :—

Number of houses inspected under Sec. 17 of the Act	....	...	...	160
Number of houses about which representations made to the Local Authority		...		16
Number of houses found unfit		...		26
Number of Closing Orders made		...		3
Number of houses remedied without Closing Orders being made	...	...		18
Number of houses remedied after Closing Orders had been made	....	...		0

The general character of defects found were dampness, leaky roofs and general delapidations.

### Bye-Laws.

At present there are no building Bye-laws in force within the district. This matter has received careful consideration during the year.

### Premises under Supervision.

DAIRIES, COWSHEDS and MILKSHOPS.—These, twenty in number, are regularly visited, some thirty-five inspections having been made to these premises.

BAKEHOUSES.— These, seven in number, are regularly inspected. They are maintained in a cleanly condition.

SLAUGHTERHOUSES. — These, three in number, have been inspected regularly, often whilst slaughtering is in progress. They are on the whole very well kept.

COMMON LODGING HOUSES.—There is one Common Lodging House at Buntingford. This is clean and well kept.

### Factory & Workshop Act, 1901.

The Workshops on the register number 37. They are of the usual type met with in agricultural districts. No home work is carried out in this district. No notices were received from H.M. Inspector of Factories

Subjoined is a list of the principal workshops :

Bakers	....	8	Harness Makers	2
Tailors	....	3	Laundries	.... 2
Tanners	...	1	Bootmakers	... 3
Cycle Shops	....	2	Wheelwrights	.... 3
Watchmakers		1	Engineers	.... 6
Builders	...	6	Dressmakers	.... 3



Appended will be found the usual statistics and Inspector's Summary, together with a table of Infant Mortality, and also one on work done in connection with Workshops and Factories.

SUMMARY OF WORK done through the SANITARY  
INSPECTOR in the Rural Sanitary district of  
BUNTINGFORD during the year ending  
December 31st, 1914.

	Total Number for Year.	Notes, Results of Inspection, etc
Complaints received.. ..	5	
Nuisances detected without complaint..	75	
Nuisances abated .. ..	70	
Notices served .. ..	33	
Summonses taken out .. ..		
Convictions .. ..		
Cottages and Dwellings Inspected ..	80	
Lodging-houses Inspected .. ..	1	
Inspections Total (to various premises)	540	
Slaughter-houses Inspected .. ..	3	
Bakehouses Inspected .. ..	7	
Dairies, Milkshops, and Cowsheds		
Inspected .. ..	35	
Workshops Inspected .. ..	41	
Filthy houses cleansed, sec. 46 " Public		
Health Act, 1875 " .. ..	2	
Houses disinfected .. ..	29	And seven schools.
Overcrowding abated .. ..	2	
Houses placed in habitable repair ..	22	
Houses closed .. ..	4	
Houses erected or re-built for which		
Water Certificates were applied ..	11	
Certificates granted .. ..	11	
Wells sunk or supplies improved ..	2	
Wells cleansed and repaired .. ..	3	
Houses connected with sewers .. ..	3	
Houses connected with water mains ..	12	
Earth, pail or improved Privies con-		
structed or existing Privies altered ..	14	
Privies and W.C.'s repaired .. ..	16	
W.C.'s supplied with water .. ..	5	
New W.C.'s built .. ..	2	
Drainage systems repaired and relaid ..	22	
Drains and W.C.'s unchoked .. ..	37	
Defective sinks remedied .. ..	4	
Animals improperly kept removed ..		
Samples of water taken for analysis ..	2	
Seizures of Unsound Meat, etc. ..		
Canal boats inspections .. ..		
Houses provided with ashbin accommo-		
dation .. ..	7	
Defective paving repaired .. ..		
Cases of Dampness attended to .. ..	10	
Miscellaneous .. ..		

Signed: ERNEST G. THODY,

*Inspector of Nuisances.*

TABLE OF POPULATION, BIRTHS and DEATHS in the BUNTINGFORD RURAL DISTRICT.

YEAR.	Popula- tion estimated to middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un- corrected Number	Number.	Rate.§	Number.	Rate.§	of Non- residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
									Number.	Rate per 1000 Births registered.	Number.	Rate.§
1	2	3	4	5	6	7	8	9	10	11	12	13
1903												
1904												
1905												
1906												
1907												
1908												
1909	4726	121			96	20·3			14	115·7	96	20·3
1910	4720	116			73	15·4			6	51·7	72	15·2
1911	5023	112	112	22·2	86	17·1	2	2	9	80·3	86	17·1
1912	5023	100	101	20·1	52	10·3	0	5	2	19·8	57	11·3
1913	5019	118	118	23·5	76	15·1	1	4	9	76·2	79	15·7
1914	5020	90	91	18·1	50	9·9	1	5	4	44·0	54	10·7

\* Rates in Columns 5, 7, and 13 calculated per 1,000 of estimated population.



INFANTILE MORTALITY during the year 1914,  
in the BUNTINGFORD RURAL DISTRICT.

CAUSE OF DEATH.				Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total deaths under 1 Year.
<b>All Causes—</b>													
Certified	..	..	..	1	1	..	..	2	1	..	..	1	4
Uncertified	..	..	..	..	..	..	..	..	..	..	..	..	..
<b>Common Infectious Diseases—</b>													
Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..
Chicken-pox	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup)	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..	..
<b>Tuberculous Diseases—</b>													
Tuberculous Meningitis	..	..	..	..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..
<b>Wasting Diseases—</b>													
Congenital Defects	..	..	..	..	..	..	..	..	..	..	..	..	..
Premature Birth	..	..	..	1	1	..	..	2	1	..	..	..	3
Atrophy, Debility, Marasmus	..	..	..	..	..	..	..	..	..	..	..	..	..
Atelectasis	..	..	..	..	..	..	..	..	..	..	..	..	..
Injury at Birth	..	..	..	..	..	..	..	..	..	..	..	..	..
<b>Diarrhoeal Diseases—</b>													
Diarrhoea	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteritis	..	..	..	..	..	..	..	..	..	..	..	..	..
<b>Other Causes—</b>													
Syphilis	..	..	..	..	..	..	..	..	..	..	..	..	..
Rickets	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis ( <i>not Tuberculous</i> )	..	..	..	..	..	..	..	..	..	..	..	..	..
Convulsions	..	..	..	..	..	..	..	..	..	..	..	..	..
Gastritis	..	..	..	..	..	..	..	..	..	..	..	..	..
Laryngitis	..	..	..	..	..	..	..	..	..	..	..	..	..
Bronchitis	..	..	..	..	..	..	..	..	..	..	1	..	1
Pneumonia	..	..	..	..	..	..	..	..	..	..	..	..	..
Suffocation, overlying	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes	..	..	..	..	..	..	..	..	..	..	..	..	..
				1	1	..	..	2	1	..	..	1	4

Births in the Year { Legitimate, 83  
                                  Illegitimate 8

Deaths in the Year { Legitimate, 3  
                                  Illegitimate, 1



Premises.	Number of			
	Inspections.	Formal Notices.	Prosecutions	
<b>Factories</b> including Factory Laundries ...	...	}	...	
<b>Workshops</b> including Workshop Laundries	41		2	...
<b>Workplaces</b> ... ..	...		...	...
<b>Homeworkers' Premises</b> ... ..	...		...	...
Total ... ..	41	2	...	

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<b>Nuisances under the Public Health Acts:</b>				
Want of cleanliness ... ..	2	2	...	...
Want of ventilation ... ..	...	...	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors ... ..	...	...	...	...
Other nuisances ... ..	...	...	...	...
† Sanitary accommodation { insufficient ... ..	...	...	...	...
{ unsuitable or defective ... ..	...	...	...	...
{ not separate for sexes ... ..	...	...	...	...
<b>Offences under the Factory &amp; Workshop Act</b>				
Illegal occupation of underground bake-house (s. 101) ... ..	...	...	...	...
Breach of special sanitary requirements for bakehouses (ss. 97 to 100) ... ..	...	...	...	...
Other offences ... ..	...	...	...	...
Total .. ..	2	2	...	...

	Once in the year.	Twice in the year.
<b>Making, &amp;c., Wearing Apparel—</b>		
Lists received from Employers—Lists ... ..	...	...
" " Outworkers ... ..	...	...
Numbers of Addresses of Outworkers received from other Councils	...	...
Number of Inspections of Outworkers' Premises ... ..	...	...

Workshops on the Register (s. 131) at the end of the year.											Number.
Workshops	...	...	...	...	...	...	...	...	...	...	30
Bakehouses	...	...	...	...	...	...	...	...	...	...	7
Total number of workshops on Register											37

Class	Number
Matters notified to H.M. Inspectors of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)...	...
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory Act (s 5)	...
Notified by H M. Inspector	...
Reports of action taken sent to H.M. Inspector.	...

TABLE OF DEATHS during the Year 1914, in the  
BUNTINGFORD RURAL DISTRICT.

[illegible]



# CASES OF INFECTIOUS DISEASE notified during the Year 1914, in the BUNTINGFORD RURAL DISTRICT.

NOTIFIABLE DISEASES.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.													Total cases removed to Hospital.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	At all ages.	At Ages—Years.						Buntingford	L. Horstead	Buckland	Cottered																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.																		65 and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

## HADHAM RURAL DISTRICT.

Report of the Medical Officer of Health for 1914.

---

GENTLEMEN,

I beg to present my Fourteenth Annual Report on the health of your District.

**Population.**

The Population (estimated) was	....	....	5,920
The Population at the Census of 1911 was			5,795
The Population at the Census of 1891 was			8,014
The Population at the Census of 1901 was			5,382
The Acreage at the Census of 1911	....		25,468
The Number of Inhabited buildings at the Census of 1901 was	...	....	1,273
The Number of Inhabited buildings at the Census of 1911	....	...	1,398
The Average Population per House at the Census of 1901 was	....	....	4'09
The Average Population per House at the Census of 1911 was	....	...	4'15
The factor for Standardization	...	....	·8083



## Vital Statistics.

	Year—1912			1913	1914
Birth Rate ....	16·2	....	20·7	....	16·0
Total Deaths registered in District ....	46	....	45	....	57
Corrections ....	+ 15	....	+ 12	....	+ 22
Net Death Rate ....	10·4	....	9·7	....	13·3
Standardized Death Rate ....	8·4	....	7·84	....	10·75
Zymotic Death Rate	0·17	....	nil	....	0·5
Diarrhœa Death Rate	nil	....	nil	....	0·17
Phthisis Death Rate	0·34	....	0·51	....	0·5
Cancer Death Rate	0·34	....	1·3	....	0·84
Infant Mortality per 1000 Births ....	73·7	....	24·6	....	62·5
Total Deaths over 65 years ....	34	....	30	....	47

The vital Statistics are somewhat disappointing. The Birth Rate which had improved in 1913, has fallen badly. The Death Rate is higher than it has been for several years. The Zymotic and Diarrhœa Death Rates may be considered satisfactory, as are also the Phthisis and Cancer Rates. The Infant Mortality figure is not so good as usual, and is above the average for your District. It will be noticed that out of six infant deaths all but one were of

illegitimate children. There is a very large increase of deaths of old people. The deaths of residents taking place outside the district has also largely increased.

**Deaths from Infectious Diseases not necessarily notifiable.**

	1910	1911	1912	1913	1914
Measles ...	0	3	0	0	0
Scarlet Fever ...	0	0	0	0	0
Whooping Cough	0	0	0	0	1
Diphtheria ...	1	0	1	0	1
Influenza ...	1	1	1	1	1
Enteric Fever ...	0	0	0	0	0
Diarrhœa ...	0	} 2	0	0	1
Enteritis ...	0				
Erysipelas ...	0	0	0	0	0
Phthisis ...	6	4	2	3	3
Puerperal Fever	0	0	0	0	0

**Notification of Infectious Diseases.**

	1910	1911	1912	1913	1914	Removed to Hospital
Scarlet Fever	1	0	5	12	7	7
Diphtheria ....	1	1	1	3	2	1
Enteric Fever	0	0	0	0	0	0
Erysipelas ....	4	3	0	2	2	0
Puerperal Fever	0	2	0	0	1	0
Pulmonary Tuberculosis			5	6	6	2
Other Forms of Tuberculosis				3	1	1
Poliomyelitis				0	0	0

### **Isolation Hospitals.**

There is a Hospital for the treatment of Scarlet Fever, Diphtheria, and if necessary, of Enteric Fever at Stortford. This Hospital is also used by Stansted Rural, Bishop's Stortford Urban, and Sawbridgeworth Urban Districts. A separate Small-Pox Hospital is also provided, and can be used by the same districts.

### **Disinfection.**

Infected bedding, etc., is removed to the Hospital, and there Disinfected by Steam. The premises from which an infectious patient has been removed are promptly disinfected by the Sanitary Inspector.

### **Bacteriological Arrangements**

Swabs from doubtful cases of Diphtheria will be sent to an Institution for bacteriological examination.

### **Epidemiology.**

SMALL POX.—No notification of Small Pox was received during the year.

SCARLET FEVER.—Seven cases of Scarlet Fever were notified as compared with twelve in the previous year. The first case occurred at Much Hadham in

April. The origin could not be traced. A second case occurred in the same family in June and was possibly a "return" case. The next case was notified from Allens Green in April and in May two more children (members of the same family) contracted the disease in this same hamlet. In October a case was notified from High Wych parish. In December a child was admitted to Hospital from Much Hadham. She was one of the Belgian refugees.

DIPHTHERIA.—Only two notifications of this disease were received. The first patient, an adult who lived at High Wych, died before she could be moved to Hospital. Two of her children contracted Scarlet Fever the following month. The other case occurred at Furneux Pelham.

ENTERIC FEVER. — No notifications of this disease have been received during the year. There have only been three cases in the last nine years, and all of these occurred in 1908.

ERYSIPELAS.—Two notifications only were received during the year.

MEASLES.—There were no deaths from Measles during the year, nor in 1913, nor in 1912. In 1911 there were three such deaths but none for three years previously.



WHOOPING COUGH.—One death, that of an infant, was due to Whooping Cough. Previous to this there had been no death attributed to Whooping Cough since 1905.

INFLUENZA.—Only one death, that of a person over 65 years of age, was caused by Influenza.

DIARRHOEA AND ENTERITIS.—One death was certified as due to Enteritis. There were no deaths from this cause either in 1913 or 1914.

PUERPERAL FEVER.—One notification of this disease was received. It was the first for many years.

### **Pulmonary Tuberculosis.**

There were again three deaths from Pulmonary Tuberculosis this year. As mentioned in my last Report this would seem to be somewhat below the average. The number of notifications received was six, again the same as in the previous year. There was one notification of other forms of Tuberculosis.

### **Cancer.**

The number of deaths from Cancer, which were five, is an improvement on last year. In 1913 they numbered eight, in 1912 two, in 1911 no less than

fifteen. In 1910 there were eight, seven in 1909, eight in 1908, six in 1907 and eight in 1906. This suggests that the average is about eight.

### **Public Institutions.**

The Small-pox Hospital for the four districts is situated in the parish of Thorley. There is a children's Home at Much Hadham; also a Home for Epileptics. The Union Workhouse is situated in Bishop's Stortford Urban District.

### **Water Supply.**

The Waterworks at Hadham, which were completed in 1906, continue to give satisfaction. They furnish a supply to the village of Much Hadham and some of the Hamlets adjoining. Several more houses have been connected with the mains during the year.

### **Drainage.**

There is nothing fresh to report with regard to drainage.

### **Sewage Disposal.**

The sewage at Much Hadham is treated on land by broad irrigation. The field is situated

near the river at the south of the village. Its management is supervised by two members of the parish.

The sewage disposal works at High Wych, which are only quite a small installation, continue to act satisfactorily. They consist of a sprinkler and bacteria beds. These together with a small broad irrigation area at Braughing are at present the only sewage disposal works in the district.

### **Scavenging.**

I am pleased to be able to report that the Parochial Committee at Much Hadham has recently undertaken the scavenging of that Parish. Already some 141 dustbins have been provided. This should prove of immense benefit to the village especially in hot summers.

### **Inspection of the District.**

This is ably carried out by your Sanitary Inspector who reports on any nuisances at each monthly meeting of your Council.

### **Housing of the Working Classes.**

During the year further satisfactory progress has been made in the work entailed under the



Housing and Town Planning Act, details of which are herewith submitted :—

Number of houses inspected under Sec. 17 of the Act	....	...	...	343
Number of houses about which representations made to the Local Authority		...		0
Number of houses found unfit		...		24
Number of Closing Orders made		...		0
Number of houses remedied without Closing Orders being made	...	...		35
Number of houses remedied after Closing Orders had been made	....	...		0

The general character of defects found were damp floors, defective footings, and general repairs required.

In some 24 cases it was found necessary to draw the various owners attention to defective footings, damp walls, etc. Of these sixteen were repaired and in eight cases the work is in hand. In two instances overcrowding has been abated. Under the above Act already four cottages have been built at Braughing, six at Albury, four more are in course of erection at L. Hadham and the question

of putting up some at Much Hadham is under consideration.

### **Premises under Supervision.**

DAIRIES, COWSHEDS and MILKSHOPS.—There are twenty-three dairies and cowsheds in the district, and fifty-eight inspections have been made during the year. There are no milkshops. There is a general improvement in the cowsheds in this district.

SLAUGHTERHOUSES. — Forty-six inspections of slaughterhouses have been made. The premises, seven in number, were found to be in fairly good order.

BAKEHOUSES. — There are nine bakehouses. These have entailed twenty-four visits of inspection.

FRUIT PICKERS SHELTERS.—The fruit pickers shelters erected at a farm at Much Hadham, are well kept. Your Council have not adopted any Bye-laws with regard to fruit pickers. These shelters were inspected periodically during the summer.

### **Military Occupation.**

In August some Yeomanry were encamped at Little Hadham for several weeks. From about the middle of November, part of the North Midland Division were billeted in both Much and Little

Hadham. Your Inspector at once got into touch with the military authorities and was able, from his intimate knowledge of local conditions to give them valuable assistance. A thorough co-operation existed during the whole time between the two authorities, which resulted in mutual advantages to both.

### **Factory & Workshop Act, 1901.**

There is nothing much to add to my previous Reports on the Factories and Workshops in the District. They are of the type usually met with in agricultural districts. There appear to be no out-workers in this district. No notices were received from H.M. Inspector of Factories.

Subjoined is a list of the principal workshops :

Bakers	....	9	Harness Makers	2
Tailors	....	2	Bootmakers	.... 7
Blacksmiths	....	9	Wheelwrights	.... 6
Brickmakers	....	1	Engineers	.... 2
Builders	...	4	Dressmakers	.... 2

Appended will be found the usual statistics and Inspector's Summary, together with a table on Infant Mortality, and also one on work done in connection with Workshops and Factories.





SUMMARY OF WORK done through the SANITARY  
INSPECTOR in the Rural Sanitary district of  
HADHAM during the year ending  
December 31st, 1914.

	Total Number for Year.	Notes, Results of Inspection, etc
Complaints received.. ..	0	
Nuisances detected without complaint..	145	
Nuisances abated .. ..	130	
Notices served .. ..	0	
Summonses taken out .. ..	0	
Convictions .. ..	0	
Cottages and Dwellings Inspected ..	473	
Lodging-houses Inspected .. ..	0	None in the District
Inspections Total (to various premises)		
Slaughter-houses Inspected .. ..	7	46 Inspections
Bakehouses Inspected .. ..	9	24 „
Dairies, Milkshops, and Cowsheds		
Inspected .. ..	23	58 Visits
Workshops Inspected .. ..	34	54 Inspections
Filthy houses cleansed, sec. 46 " Public Health Act, 1875 " .. ..	0	
Houses disinfected .. ..	11	And one school.
Overcrowding abated .. ..	2	
Houses placed in habitable repair ..	35	
Houses closed .. ..	0	
Houses erected or re-built for which Water Certificates were applied ..	5	
Certificates granted .. ..	5	
Wells sunk or supplies improved ..	2	
Wells cleansed and repaired .. ..	0	
Houses connected with sewers .. ..	0	
Houses connected with water mains ..	0	
Earth, pail or improved Privies con- structed or existing Privies altered ..	30	
Privies and W.C.'s repaired .. ..	15	
W.C.'s supplied with water .. ..	43	
New W.C.'s built .. ..	0	
Drainage systems repaired and relaid ..	0	
Drains and W.C.'s unchoked .. ..	25	
Defective sinks remedied .. ..	0	
Animals improperly kept removed ..	0	
Samples of water taken for analysis ..	2	
Seizures of Unsound Meat, etc. .. ..	0	
Canal boats inspections .. ..	0	None in the District
Houses provided with ashbin accommo- dation .. ..	141	At Much Hadham
Defective paving repaired .. ..	0	
Cases of Dampness attended to .. ..		
Miscellaneous .. ..		

Signed: E. T. WATTS.

*Inspector of Nuisances.*

TABLE OF POPULATION, BIRTHS and DEATHS in the HADHAM RURAL DISTRICT.

YEAR,	Popula- tion estimated to middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un- corrected Number	Number.	Rate.§	Number.	Rate.§	of Non- residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
									Number.	Rate per 1000 Births registered.	Number.	Rate.§
1	2	3	4	5	6	7	8	9	10	11	12	13
1903												
1904												
1905												
1906												
1907												
1908												
1909	5117	110			65	12.7			5	45.4	73	14.2
1910	4837	78			51	10.5			2	25.6	63	13.1
1911	5795	99	101	17.4	59	10.1	2	16	5	49.5	73	12.6
1912	5836	94	95	16.2	46	7.8	1	16	7	73.7	61	10.4
1913	5877	119	122	20.7	47	8.0	2	12	3	24.6	57	9.7
1914	5920	92	96	16.0	57	9.6	3	25	6	62.5	79	13.3

\* Rates in Columns 5, 7, and 13 calculated per 1,000 of estimated population.



# INFANTILE MORTALITY during the year 1914, in the HADHAM RURAL DISTRICT.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total deaths under 1 Year.
<b>All Causes—</b>										
Certified .. ..	2	1	..	1	.. 4	..	2	..	..	.. 6
Uncertified .. ..	..	..	..	..	..	..	..	..	..	..
<b>Common Infectious Diseases—</b>										
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..
Chicken-pox .. ..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..
Whooping Cough .. ..	..	..	..	..	..	..	1	..	..	.. 1
Diphtheria (including Membranous Croup) .. ..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..
<b>Tuberculous Diseases—</b>										
Tuberculous Meningitis .. ..	..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis .. ..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases .. ..	..	..	..	..	..	..	..	..	..	..
<b>Wasting Diseases—</b>										
Congenital Defects .. ..	..	..	..	..	..	..	..	..	..	..
Premature Birth .. ..	2	1	..	..	.. 3	..	..	..	..	.. 3
Atrophy, Debility, Marasmus .. ..	..	..	..	1	.. 1	..	..	..	..	.. 1
Atelectasis .. ..	..	..	..	..	..	..	..	..	..	..
Injury at Birth .. ..	..	..	..	..	..	..	..	..	..	..
<b>Diarrhoeal Diseases—</b>										
Diarrhoea .. ..	..	..	..	..	..	..	1	..	..	..
Enteritis .. ..	..	..	..	..	..	..	..	..	..	.. 1
<b>Other Causes—</b>										
Syphilis .. ..	..	..	..	..	..	..	..	..	..	..
Rickets .. ..	..	..	..	..	..	..	..	..	..	..
Meningitis ( <i>not Tuberculous</i> ) .. ..	..	..	..	..	..	..	..	..	..	..
Convulsions .. ..	..	..	..	..	..	..	..	..	..	..
Gastritis .. ..	..	..	..	..	..	..	..	..	..	..
Laryngitis .. ..	..	..	..	..	..	..	..	..	..	..
Bronchitis .. ..	..	..	..	..	..	..	..	..	..	..
Pneumonia .. ..	..	..	..	..	..	..	..	..	..	..
Suffocation, overlying .. ..	..	..	..	..	..	..	..	..	..	..
Other Causes .. ..	..	..	..	..	..	..	..	..	..	..
	2	1	..	1	.. 4	..	2	..	..	.. 6

Births in the Year { Legitimate, 84  
                                  Illegitimate 12

Deaths in the Year { Legitimate, 1  
                                  Illegitimate, 5

Report for the Year 1914, on the Administration of the  
Factory and Workshops Act, 1901, for the Rural District of  
HADHAM.

## 1.—INSPECTION.

Premises.	Number of		
	Inspections.	Formal Notices.	Prosecutions
<b>Factories</b> including Factory Laundries ...	...	}	...
<b>Workshops</b> including Workshop Laundries	54		...
<b>Workplaces</b> ... ..	...		...
<b>Homeworkers' Premises</b> ... ..	...		...
Total ... ..	54	...	...

## 2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions
	Found.	Remedied.	Referred to H.M. Inspector.	
<b>Nuisances under the Public Health Acts:</b>				
Want of cleanliness ... ..	6	6	...	...
Want of ventilation ... ..	...	...	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors ... ..	...	...	...	...
Other nuisances ... ..	...	...	...	...
†Sanitary accommodation { insufficient ... ..	...	...	...	...
{ unsuitable or defective ... ..	...	...	...	...
{ not separate for sexes ... ..	...	...	...	...
<b>Offences under the Factory &amp; Workshop Act</b>				
Illegal occupation of underground bake-house (s. 101) ... ..	...	...	...	...
Breach of special sanitary requirements for bakehouses (ss. 97 to 100) ... ..	...	...	...	...
Other offences ... ..	...	...	...	...
<b>Total</b> .. ..	<b>6</b>	<b>6</b>	<b>...</b>	<b>...</b>

### 3.—HOME WORK.

	Once in the year.	Twice in the year.
<b>Making, &amp;c., Wearing Apparel—</b>		
Lists received from Employers—Lists ... ..	...	...
Outworkers ... ..	...	...
Numbers of Addresses of Outworkers received from other Councils	...	...
Number of Inspections of Outworkers' Premises ... ..	...	...

#### 4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.										Number.
Workshops	...	...	...	...	...	...	...	...	...	25
Bakehouses	...	...	...	...	...	...	...	...	...	9
Total number of workshops on Register										34

## 5.—OTHER MATTER

Class	Number
Matters notified to H.M. Inspectors of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)...	...
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory Act (s 5)	<div> <div>Notified by H M. Inspector ..</div> <div>...</div> <div>Reports of action taken sent to H.M. Inspector.</div> <div>...</div> </div>



# TABLE OF DEATHS during the Year 1914, in the HADHAM RURAL DISTRICT.

CAUSE OF DEATH.				DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.								Total Deaths whether of 'Residents' or 'Non- Residents' in Institu- tions in the District.	
				All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	
All causes	Certified	...	...	79	6	1	1	1	2	6	15	47	4
	Uncertified	...	...	..	..	..	..	..	..	..	..	..	
Enteric fever	...	...	...	..	..	..	..	..	..	..	..	..	
Small-pox	...	...	...	..	..	..	..	..	..	..	..	..	
Measles	...	...	...	..	..	..	..	..	..	..	..	..	
Scarlet fever	...	...	...	..	..	..	..	..	..	..	..	..	
Whooping-cough	...	...	...	1	1	..	..	..	..	..	..	..	
Diphtheria and membranous croup				1	..	..	..	..	1	..	..	..	
Influenza	...	...	...	1	..	..	..	..	..	..	..	1	
Erysipelas	...	...	...	..	..	..	..	..	..	..	..	..	
Phthisis, (Pulmonary Tuberculosis)				3	..	..	..	..	1	2	..	..	
Tuberculous Meningitis	...	...	...	..	..	..	..	..	..	..	..	..	
Other tuberculous diseases	...	...	...	..	..	..	..	..	..	..	..	..	
Cancer, malignant disease	...	...	...	5	..	..	..	..	..	1	4	4	
Rheumatic Fever	...	...	...	..	..	..	..	..	..	..	..	..	
Meningitis	...	...	...	..	..	..	..	..	..	..	..	..	
Organic Heart Disease	...	...	...	9	..	..	..	..	1	1	7	7	
Bronchitis	...	...	...	11	..	..	..	..	..	5	6	6	
Pneumonia (all forms)	...	...	...	6	..	..	1	..	1	..	2	2	
Other diseases of respiratory organs				2	..	..	..	..	..	..	2	2	
Diarrhoea and Enteritis	...	...	...	1	1	..	..	..	..	..	..	..	
Appendicitis and Typhlitis	...	...	...	1	..	..	..	..	1	..	..	..	
Cirrhosis of liver	...	...	...	..	..	..	..	..	..	..	..	..	
Alcoholism	...	...	...	..	..	..	..	..	..	..	..	..	
Nephritis and Bright's Disease	...	...	...	3	..	..	..	..	1	..	1	1	
Puerperal fever	...	...	...	..	..	..	..	..	..	..	..	..	
Diseases and accidents of parturition				1	..	..	..	..	1	..	..	..	
Premature birth	...	...	...	5	4	1	..	..	..	..	..	..	
Violent Deaths (excluding Suicide)				..	..	..	..	..	..	..	..	..	
Suicides	...	...	...	2	..	..	..	..	1	1	..	..	
Other Defined Diseases	...	...	...	27	..	..	..	1	..	2	24	4	4
Diseases ill-defined or unknown	...	...	...	..	..	..	..	..	..	..	..	..	
				..	..	..	..	..	..	..	..	..	
Total	...	...	...	79	6	1	1	1	2	6	15	47	4

Poliomyelitis ... ..



# CASES OF INFECTIOUS DISEASE notified during the Year 1914, in the HADHAM RURAL DISTRICT.

NOTIFIABLE DISEASES.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.												Total cases removed to Hospital.					
	At all ages.	At Ages—Years.						High Wych	L. Hadham	M. Hadham	Furneux Pelham	Braughing													
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.																	65 and upwards.	
Small-pox	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria & Membranous Croup	2	..	1	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Erysipelas	2	..	..	..	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	7	..	7	..	..	..	..	..	4	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	7
Typhus Fever	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever	1	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ophthalmia	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Neonatorum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poliomyelitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pulmonary Tuberculosis	6	..	3	...	3	..	..	3	1	1	..	1	3	...	..	..	..	..	..	..	..	..	..	..	2
Other forms of Tuberculosis	1	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Totals	19	..	12	...	6	..	1	7	3	4	2	3	...	...	...	...	...	...	...	...	...	...	...	...	11

## STANSTED RURAL DISTRICT.

Report of the Medical Officer of Health for 1914.

---

GENTLEMEN,

I beg to present my Fourteenth Annual Report on the health of your District.

**Population.**

The Population (estimated) was	....	....	7,115
The Population at the Census of 1911 was			7,066
The Population at the Census of 1891 was			6,908
The Population at the Census of 1901 was			6,888
The Acreage at the Census of 1911	....		22,954
The Number of Inhabited buildings at the Census of 1901 was	...	....	1,615
The Number of Inhabited buildings at the Census of 1911	....	...	1,703
The Average Population per House at the Census of 1901 was	....	....	4'3
The Average Population per House at the Census of 1911 was	....	...	4'15
The factor for Standardization	...	....	·8219

### Vital Statistics.

	Year—1912			1913	1914
Birth Rate ....	18·3	....	19·3	....	18·2
Total Deaths registered in District ....	62	....	73	....	79
Corrections ....	+ 28	....	+ 21	....	+ 25
Net Death Rate ....	12·7	....	13·2	....	14·6
Standardized Death Rate ....	10·45	....	10·84	....	12·0
Zymotic Death Rate	0·14	....	0·28	....	0·56
Diarrhoea Death Rate	nil	....	0·14	....	0·28
Phthisis Death Rate	0·42	....	0·56	....	0·98
Cancer Death Rate	0·98	....	1·26	....	1·4
Infant Mortality per 1000 Births ....	69·2	....	80·3	....	77·0
Total Deaths over 65 years ....	45	....	50	....	59

As will be seen the Vital Statistics are not so good as in the previous year when they were somewhat disappointing. The Birth Rate has fallen again and is practically the same as that of 1912. The Death Rate is correspondingly higher. Both the Zymotic and Diarrhoea Death Rates are double those of the previous year. The Death Rate from Phthisis (or Consumption) is more than half as much again and that from Cancer is unpleasantly



high. The Infant Mortality figure, although lower, is higher than I like to see it. It will be noticed that the number of deaths of old people has still further increased. During the last four years this increase has been curiously persistent.

**Deaths from Infectious Diseases not necessarily notifiable.**

		1910	1911	1912	1913	1914
Measles	...	1	0	0	0	0
Scarlet Fever	...	0	0	0	0	0
Whooping Cough		0	1	0	1	1
Diphtheria	...	0	0	0	0	1
Influenza	...	4	1	2	2	1
Enteric Fever	...	0	0	0	0	0
Diarrhoea	...	0	} 4	0	1	2
Enteritis	...	0				
Erysipelas	...	0	0	1	0	0
Phthisis	...	3	5	3	4	7
Puerperal Fever		0	0	0	0	0

**Notification of Infectious Diseases.**

		1910	1911	1912	1913	1914	Removed to Hospital
Scarlet Fever		1	2	0	3	11	11
Diphtheria	....	0	0	3	0	5	5
Enteric Fever		0	0	1	1	0	0
Erysipelas	....	1	4	8	0	2	0
Puerperal Fever		0	0	0	0	0	0
Pulmonary Tuberculosis				5	5	5	2
Other Forms of Tuberculosis					0	0	0
Poliomyelitis					0	0	0

### **Isolation Hospitals.**

The Hospital for Scarlet Fever, Diphtheria, and Enteric Fever is situated in the Urban District of Bishop's Stortford. It is the property of the Hadham and Stansted Rural and the Sawbridge-worth Urban District Councils. By arrangement it also accommodates patients from Bishop's Stortford. It is under the management of a Joint Committee. The accommodation was increased in 1902.

The Small-pox Hospital, situated in the Hadham Rural District, is the joint property of all the above Councils.

### **Disinfection.**

Infected bedding, etc., is removed to the Hospital, and there Disinfected by Steam. The premises from which an infectious patient has been removed are promptly disinfected by the Sanitary Inspector.

### **Bacteriological Arrangements**

Swabs from doubtful cases of Diphtheria are sent to an Institution where they are examined and reported upon.

### **Epidemiology.**

SMALL POX.—No notification of Small Pox was received during the year.

SCARLET FEVER.—Eleven notifications were received as compared with three in the previous year. Four cases were notified at Ugley in January. These were of the same family as the boy mentioned in my last report and who was removed to Hospital as a doubtful case. The other seven patients resided at Stansted. The first of these was notified in February, the next in April, two more cases in May—a mother and son—two more in October, members of the same family. The last, one of the military, billeted in the village, was notified in November.

DIPHTHERIA.—Five notifications of this disease were notified. All occurred in December. Four of them were members of the same family and lived at Stansted. No cause could be discovered to account for the outbreak. In one case the disease proved fatal. The other patient was one of the military and was billeted at Farnham.

ENTERIC FEVER.—Not a single notification of Enteric Fever was received during the year.

PUERPERAL FEVER.—No notification of this disease was received during the year. Only one



case has been notified during the last eleven years. This was in 1907.

MEASLES.—There were no deaths from Measles during the year.

WHOOPIING COUGH.—There was one death certified as due to Whooping Cough.

INFLUENZA.—There was only one death from Influenza.

DIARRHOEA AND ENTERITIS. — Two deaths occurred from Diarrhoea. One of these was in an infant under one year of age, the other was that of an old person.

### **Pulmonary Tuberculosis.**

There were seven deaths registered as due to Pulmonary Consumption, as compared with four in 1913, three in 1912 and four in 1911. There were five notifications received which is the same as in the two previous years. Two of these were notified from a Sanatorium and had not been previously notified.

### **Cancer.**

There were ten deaths from Cancer which would seem to be above the average. In previous years the numbers have been as follows :—in 1913

nine, 1912 seven, 1911 five, 1910 ten, 1909 seven, 1908 six, 1906 ten and 1905 eight.

### **Water Supply.**

Stansted is supplied by a private Water Company from a deep well sunk in the chalk. This is the only public supply in the district. All the villages are supplied by wells, many of them of the shallow variety. At the request of the military, samples from seven wells were forwarded for analysis. One from Birchanger was not very satisfactory. Means have now been taken to prevent surface pollution. Of two at Elsenham one was condemned and the other was found to be passable. One at Farnham was termed very satisfactory. One at Great Hallingbury was condemned. The two at Manuden were found not to be very satisfactory. The above reports are, in my opinion, what may be expected from shallow wells.

### **Drainage and Sewage Disposal.**

The Liernur system at Stansted, which with the sanction of the Local Government Board has been taken over by your Council, continues to work very satisfactorily. Two more houses have during the year been connected with the sewer. The additions to the outfall works on the farm continue to work satisfactorily and produce a very good-look-

ing effluent. After passing through the sludge and septic tanks and being brought into contact by means of automatic sprinklers with coke breeze filters, the effluent is treated on the land by broad irrigation. No other village in the District has a drainage system.

### **Parochial Committee.**

The Parish Council of Stansted applied to your District Council to delegate to them such powers as might be delegated to a Parochial Committee. This request has been acceded to under Sec. 15 of the Local Government Act, 1894.

### **Scavenging.**

The scavenging at Stansted is undertaken by the Parochial Committee.

### **Public Institutions.**

There are no Public Institutions in the District to which sick persons are admitted, as the old Bishop's Stortford Isolation Hospital has been done away with. The Workhouse for this district and the Isolation Hospital are both situated at Bishop's Stortford.

### **Inspection of the District.**

This is ably carried out by your Sanitary Inspector who reports on any nuisances at each monthly meeting of your Council.



### **Military Occupation.**

For the last six weeks of the year a considerable amount of your Inspector's time was spent on work in connection with the troops billeted in the district. He was in close touch with the military authorities and, co-operating with them, was enabled to render them considerable assistance. It is obvious that with an unexpectedly large increase of the population of a district very careful watch has to be kept on its sanitary needs which have to be met as soon as they occur, and any possible dangers forestalled.

### **Housing of the Working Classes.**

Your Inspector has visited a number of cottages for the purpose of compiling the necessary register. He has prepared a sketch plan of each village and marked on it the various cottages and wells. The details of the results of the inspection are entered on a card which is numbered to correspond with the number of the cottage on the plan. Any defects which he finds and which are not immediately carried out are reported to your Council. A letter is usually first sent to the owner, and if this fails the necessary notices are served. A closing order is only made as a last resource. During the year one house has been closed voluntarily. In one case

overcrowding has been abated. With regard to the four houses found unfit, the work of improving them was in hand at the end of the year.

The following are the particulars required to be furnished under the Housing and Town Planning Act:—

Number of houses inspected under Sec. 17 of the Act	....	...	...	150
Number of houses about which representations made to the Local Authority		...		4
Number of houses found unfit		...		4
Number of Closing Orders made		...		0
Number of houses remedied without Closing Orders being made	...	...		0
Number of houses remedied after Closing Orders had been made	....	...		0

The general character of defects found were damp floors, defective footings, and general repairs required.

### **Premises under Supervision.**

COWSHEDS.—The Cowsheds, twenty-eight in number, have been regularly inspected. Seventy-

four visits have been paid to them. They are fairly well kept.

BAKEHOUSES. — There are seven bakehouses. Each has been inspected three times during the year. They were found to be in a satisfactory condition.

SLAUGHTERHOUSES. — Forty-four inspections of slaughterhouses have been made. The premises, four in number, were found to be in fairly good order. On each occasion the carcasses and meat were carefully examined.

### Factory & Workshop Act, 1901.

The Workshops in the District number 50, and each has been inspected twice during the year. No notice has been received from H.M. Inspector of Factories. There is now no homework carried on in the district.

Subjoined is a list of the principal workshops which are of a kind usually met with in country districts :—

Bakers	....	7	Wheelwrights	....	2
Builders	...	5	Engineers	...	4
Tailors	....	2	Bootmakers	....	3
Blacksmiths	....	10	Various	....	11



Appended will be found the usual statistics and Inspector's Summary, together with a table on Infant Mortality, and also one on work done in connection with Workshops and Factories.

SUMMARY OF WORK done through the SANITARY  
INSPECTOR in the Rural Sanitary district of  
STANSTED during the year ending  
December 31st, 1914.

	Total Number for Year.	Notes, Results of Inspection, etc
Complaints received.. ..	6	
Nuisances detected without complaint..	146	
Nuisances abated .. ..	135	
Notices served .. ..	0	
Summonses taken out .. ..	0	
Convictions .. ..	0	
Cottages and Dwellings Inspected ..	335	
Lodging-houses Inspected .. ..	0	None in the District
Inspections Total (to various premises)		
Slaughter-houses Inspected .. ..	4	44 Inspections
Bakehouses Inspected .. ..	7	21 "
Dairies, Milkshops, and Cowsheds		
Inspected .. ..	28	74 "
Workshops Inspected .. ..	50	95 "
Filthy houses cleansed, sec. 46 " Public Health Act, 1875 " .. ..	0	
Houses disinfected .. ..	15	And four schools.
Overcrowding abated .. ..	1	
Cottages found unfit for habitation ..	4	
Representations made with the view of Closing Orders being made .. ..	4	
Houses placed in habitable repair ..	12	
Houses closed .. ..	1	Voluntarily
Houses erected or re-built for which Water Certificates were applied ..	3	
Certificates granted .. ..	3	
Wells sunk or supplies improved ..	8	
Wells cleansed and repaired ..		
Houses connected with sewers ..		
Houses connected with water mains ..		
Earth, pail or improved Privies con- structed or existing Privies altered ..	15	
Privies and W.C.'s repaired {	14	
W.C.'s supplied with water ..		
New W.C.'s built .. ..		
Drainage systems repaired and relaid ..	30	
Drains and W.C.'s unchoked ..		
Defective sinks remedied ..		
Animals improperly kept removed ..	0	
Samples of water taken for analysis ..	8	
Seizures of Unsound Meat, etc. ..	0	
Canal boats inspections ..	0	
Houses provided with ashbin accommo- dation .. ..	60	
Defective paving repaired .. ..		
Cases of Dampness attended to ..		
Miscellaneous .. ..		

Signed: E. T. WATTS.

Inspector of Nuisances.

TABLE OF POPULATION, BIRTHS and DEATHS in the STANSTED RURAL DISTRICT.

YEAR.	Popula- tion estimated to middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un- corrected Number	Number.	Rate.§	Number.	Rate.§	of Non- residents registered the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
									Number.	Rate per 1000 Births registered.	Number.	Rate.§
1	2	3	4	5	6	7	8	9	10	11	12	13
1903												
1904												
1905												
1906												
1907												
1908	6888	148			67	9·7			8	54·0	88	12·8
1909	6888	148			75	10·8			9	60·8	90	13·0
1910	6868	144			76	11·0			7	48·6	86	12·9
1911	7066	137	138	19·5	72	10·19	1	17	17	123·2	88	12·4
1912	7084	127	130	18·3	62	8·7	1	29	9	69·2	90	12·7
1913	7100	133	137	19·3	74	10·4	1	21	11	80·3	94	13·2
1914	7115	127	130	18·2	79	11·1	4	29	10	77·	104	14·6

\* Rates in Columns 5, 7, and 13 calculated per 1,000 of estimated population.



# INFANTILE MORTALITY during the year 1914, in the STANSTED RURAL DISTRICT.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total deaths under 1 Year.
<b>All Causes—</b>										
Certified .. ..	1	1	1	..	.. 3	1	4	1	1	..10
Uncertified .. ..	..	..	..	..	..	..	..	..	..	..
<b>Common Infectious Diseases—</b>										
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..
Chicken-pox .. ..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..
Whooping Cough .. ..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup) .. ..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..
<b>Tuberculous Diseases—</b>										
Tuberculous Meningitis .. ..	..	..	..	..	..	..	1	..	..	.. 1
Abdominal Tuberculosis .. ..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases .. ..	..	..	..	..	..	..	..	..	..	..
<b>Wasting Diseases—</b>										
Congenital Defects .. ..	..	..	..	..	..	..	..	..	..	..
Premature Birth .. ..	1	..	..	..	.. 1	..	1	..	..	.. 2
Atrophy, Debility, Marasmus .. ..	..	..	1	..	.. 1	..	..	..	..	.. 1
Atelectasis .. ..	..	..	..	..	..	..	..	..	..	..
Injury at Birth .. ..	..	..	..	..	..	..	..	..	..	..
<b>Diarrhoeal Diseases—</b>										
Diarrhoea .. ..	..	..	..	..	..	..	1	..	..	..
Enteritis .. ..	..	..	..	..	..	..	1	..	..	.. 1
<b>Other Causes—</b>										
Syphilis .. ..	..	..	..	..	..	..	..	..	..	..
Rickets .. ..	..	..	..	..	..	..	..	..	..	..
Meningitis ( <i>not Tuberculous</i> ) .. ..	..	..	..	..	..	..	..	..	..	..
Convulsions .. ..	..	..	..	..	..	..	1	1	..	.. 2
Gastritis .. ..	..	..	..	..	..	..	..	..	..	..
Laryngitis .. ..	..	..	..	..	..	..	..	..	..	..
Bronchitis .. ..	..	1	..	..	.. 1	1	..	..	..	.. 2
Pneumonia .. ..	..	..	..	..	..	..	..	1	..	.. 1
Suffocation, overlying .. ..	..	..	..	..	..	..	..	..	..	..
Other Causes .. ..	..	..	..	..	..	..	..	..	..	..
	1	1	1	..	.. 3	1	4	1	1	..10

Births in the Year { Legitimate, 10  
                                  Illegitimate 0

Deaths in the Year { Legitimate, 122  
                                  Illegitimate, 8

Report for the Year 1914, on the Administration of the  
Factory and Workshops Act, 1901, for the Rural District of  
STANSTED.

## 1.—INSPECTION.

Premises.	Number of		
	Inspections.	Formal Notices.	Prosecutions
Factories including Factory Laundries ...	...	}	...
Workshops including Workshop Laundries	85		...
Workplaces ... ..	10		...
Homeworkers' Premises ... ..	...		...
Total ... ..	95	...	...

## 2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<b>Nuisances under the Public Health Acts:</b>				
Want of cleanliness ... ..	4	4	...	...
Want of ventilation ... ..	...	...	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors ... ..	...	...	...	...
Other nuisances ... ..	...	...	...	...
† Sanitary accommodation { insufficient ... ..	...	...	...	...
{ unsuitable or defective ... ..	...	...	...	...
{ not separate for sexes ... ..	...	...	...	...
<b>Offences under the Factory &amp; Workshop Act</b>				
Illegal occupation of underground bake-house (s. 101) ... ..	...	...	...	...
Breach of special sanitary requirements for bakehouses (ss. 97 to 100) ... ..	...	...	...	...
Other offences ... ..	...	...	...	...
Total .. ..	4	4	...	...

### 3.—HOME WORK.

	Once in the year.	Twice in the year.
<b>Making, &amp;c., Wearing Apparel—</b>		
Lists received from Employers—Lists ... ..	...	...
Outworkers ... ..	...	...
Numbers of Addresses of Outworkers received from other Councils	...	...
Number of Inspections of Outworkers' Premises ... ..	...	...

#### 4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.											Number.
Workshops	...	...	...	...	...	...	...	...	...	...	42
Bakehouses	...	...	...	...	...	...	...	...	...	...	7
Total number of workshops on Register											49

## 5.—OTHER MATTER

Class	Number
Matters notified to H.M. Inspectors of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)...	...
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory Act (s 5)	...
Notified by H M. Inspector	...
Reports of action taken sent to H.M. Inspector.	...



# TABLE OF DEATHS during the Year 1914, in the STANSTED RURAL DISTRICT.

CAUSE OF DEATH.				DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.									Total Deaths whether of 'Residents' or 'Non-Residents' in Institu- tions in the District.
				All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	
All causes	Certified	...	...	..	..	..	..	..	..	..	..	..	
	Uncertified	...	...	1	..	..	..	..	..	..	..	1	
Enteric fever	...	...	...	..	..	..	..	..	..	..	..	..	
Small-pox	...	...	...	..	..	..	..	..	..	..	..	..	
Measles	...	...	...	..	..	..	..	..	..	..	..	..	
Scarlet fever	...	...	...	..	..	..	..	..	..	..	..	..	
Whooping-cough	...	...	...	1	..	..	1	..	..	..	..	..	
Diphtheria and membranous croup				1	..	..	..	1	..	..	..	..	
Influenza	...	...	...	1	..	..	..	1	..	..	..	..	
Erysipelas	...	...	...	..	..	..	..	..	..	..	..	..	
Phthisis, (Pulmonary Tuberculosis)				7	..	..	..	..	..	2	4	1	
Tuberculous Meningitis	...	...	...	1	1	..	..	..	..	..	..	..	
Other tuberculous diseases	...			..	...	..	..	..	..	..	..	..	
Cancer, malignant disease	...			10	..	..	..	..	..	1	5	4	
Rheumatic Fever	...	...	...	..	..	.	..	..	..	..	..	..	
Meningitis	...	...	...	1	..	..	1	..	..	..	..	..	
Organic Heart Disease	...	...	...	10	..	..	..	..	..	..	4	6	
Bronchitis	...	...	...	11	2	1	..	..	..	..	1	7	
Pneumonia (all forms)	...	...	...	5	1	..	..	..	..	..	1	3	
Other diseases of respiratory organs				3	..	..	..	..	..	1	1	1	
Diarrhoea and Enteritis	...	...	...	2	1	..	..	..	..	..	..	1	
Appendicitis and Typhlitis	...			1	..	..	..	1	...	..	..	..	
Cirrhosis of liver	...	...	...	1	..	..	..	..	..	..	..	1	
Alcoholism	...	...	...	..	..	..	..	..	..	..	..	..	
Nephritis and Bright's Disease	...			3	..	..	..	..	..	..	1	2	
Puerperal fever	...	...	...	..	..	..	..	..	..	..	..	..	
Diseases and accidents of parturition				..	..	..	..	..	..	..	..	..	
Premature birth	...	...	...	3	3	..	..	..	..	..	..	..	
Violent Deaths (excluding Suicide)				..	..	..	..	..	..	..	..	..	
Suicides	...	...	...	..	..	..	..	..	..	..	..	..	
Other Defined Diseases	...	...	...	43	2	..	1	2	..	..	5	33	
Diseases ill-defined or unknown	...			..	..	..	..	..	..	..	..	..	
				..	..	..	..	..	..	..	..	..	
Total	...			104	10	1	3	5	..	4	22	59	

Poliomyelitis



# CASES OF INFECTIOUS DISEASE notified during the Year 1914, in the STANSTED RURAL DISTRICT.

NOTIFIABLE DISEASES.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.												Total cases removed to Hospital.			
	At all ages.	At Ages—Years.						Birchanger.	Elsenham.	Farnham	Henham	Great Hallingbury	Little Hallingbury	Stansted	Ugley								
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.																
Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria & Membranous Croup	5	1	2	1	1	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	5
Erysipelas	2	..	..	..	1	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	11	..	9	1	..	1	..	..	..	..	..	..	..	7	4	..	..	..	..	..	..	..	11
Typhus Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Relapsing Fever & Continued Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-spinal Meningitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poliomyelitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pulmonary Tuberculosis	5	..	..	1	..	4	..	2	1	..	1	..	..	1	..	..	..	..	..	..	..	..	2
Other forms of Tuberculosis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	23	1	11	3	2	6	..	2	1	1	1	1	1	12	4	..	..	..	..	..	..	..	18